THE

ALPINE CLUB REGISTER

1864–1876

BY

A. L. MUMM

HONORARY LIBRARIAN, FORMERLY HONORARY SECRETARY AND VICE-PRESIDENT, OF THE ALPINE CLUB

PUBLISHER'S
FILE COPY
NO. 26340

LONDON
EDWARD ARNOLD & CO.
1925

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Printed in England
At the OXFORD UNIVERSITY PRESS
By John Johnson
Printer to the University

PREFACE

THE present instalment of the *Alpine Club Register* comprises the records of 290 members, elected during the years 1864 to 1876, inclusive. Much to my regret, and with less excuse than I had three years ago, I have again failed to make a start either with the Honorary Members or with an Historical Introduction, though I still cherish the hope that my intentions with regard to these projects may some day be carried out.

In the Preface to volume i I wrote as follows: As to the biographical notices, 'I am quite aware that in a few instances I have let myself become unduly interested in their subjects, and made them longer than a strict regard for proportion would justify. In the mountaineering records the point to which I attach most importance is the addition of a precise date, whenever obtainable, to every expedition mentioned. This, I believe, will add greatly to the utility of the book as a work of reference, besides making the proceedings of the traveller more intelligible and easier to follow as a whole. I have done my best to make the references to original authorities complete, and in the case of many expeditions have added references to other mentions of them which either help to place them in their historical setting or seem for various reasons to add something of interest. I have added in each case the names of other members of the party when these were also members of the Club; as a rule the names of non-members and of guides are omitted.'

All this holds good of the present instalment. In one respect only there has been a substantial change. In the earlier volume the mountaineering record of each member

was set forth completely irrespective of whether or no his doings were chronicled elsewhere under another name. Only in a few cases—all I think cases of one of two brothers, e. g. the Smyths, the Trotters—the records of some seasons were incorporated by reference. In the succeeding pages I have made use of this device much more freely, thereby saving a large amount of repetition and substantially reducing the bulk of the book without, I hope, detracting materially from its utility.

In the Preface to volume i I referred to the difficulty of keeping pace with Captain Farrar's researches. He has drawn my attention to one rather flagrant case of actual failure to do so in the notice on the Rev. Christopher Smyth. This matter is duly dealt with in the Addenda and Corrigenda at the end of the book. These are somewhat voluminous, but, with a single exception, I think I have discovered all the other errors and omissions for myself. I by no means mention this as a matter for elation ; I had not only expected but hoped to be flooded with communications, on the subject of omissions particularly.

I have again derived much assistance from the unpublished material supplied to me by the Rev. W. A. B. Coolidge and Mr. H. F. Montagnier, and I have once more to express my thanks to a large number of persons for much kind help in completing the records of deceased members.

A. L. MUMM.

October 1925.

ABBREVIATIONS, REFERENCES, ETC.

A.C. = Alpine Club, or member of the Alpine Club.

A.J. = Alpine Journal. N.B. References to volumes and pages, i. 24, xxx. 296, and the like, are always references to the Alpine Journal, unless the contrary is expressly stated.

A.P. = Alpenpost.

A. Pollinger. See Guides.

Abraham = Rock Climbing in Skye, by Ashley P. A.

Adrien Granard. See Guides.

Almer = Christian Almer's Führerbuch: Facsimile reprint.

Anderson = Chamonix and Mont Blanc, by Eustace A. See vol. i, p. 3.

Annals = The Annals of Mont Blanc, by C. E. Mathews. See vol. i, p. 205.

Ann. = Annuaire, or Annuario.

Ann. Alp. Trid. = Annuario della Soc. Alp. Trid., q.v.

Beraldi = Cent Ans aux Pyrénées, by Henri B. See below, p. 297, note.

Boll. = Bollettino.

Browning = Memories of Sixty Years, by Oscar B. See p. 35, below.

Bull. = Bulletin.

C. = Committee or Council, or (usually) member of Committee or Council.

C.A.F. = Club Alpin Français.

C.A.I. = Club Alpino Italiano.

C.G. = Climbers' Guide. See below, pp. 71, 73–4.

C.C.J. = Climbers' Club Journal.

Caian, The, a Magazine published by members of Caius College, Cambridge.

Central Alps = Alpine Guide to Central Alps. See vol. i, p. 22. References, unless otherwise stated, are to 1876 edition.

Christian Almer. See Almer.

Coleman = Scenes from the Snowfields, by E. T. C. See vol. i, p. 76.

Coolidge = The Col du Géant, a recent article by W. A. B. C.

d.m. = died a member.

D.N.B. = Dictionary of National Biography.

D.Ö.A.V. = Deutscher und Oesterreichischer Alpenverein.

Durier = Le Mont Blanc, by Charles D., 1923 edition.

E. followed by reference to volume and page, e.g. E. ii. 46, = Die Erschliessung der Ostalpen.

E. or Eastern Alps = Alpine Guide to the Eastern Alps. See vol. i, p. 23. References, unless otherwise stated, are to the 1874 edition.

Eagle, The, a Magazine published by members of St. John's College, Cambridge.

Écho = Écho des Alpes.

Emil Joris. See Guides.

F. = Fellow.

F.G.S. = Fellow of Geological Society.

F.L.S. = Fellow of Linnaean Society.

F.R S. = Fellow of Royal Society.
F.S.A. = Fellow of Society of Antiquaries.
F.Z.S. = Fellow of the Zoological Society.
Fox = Holiday Memories, by J. H. F. See vol. i, p. 110.
Fr. Biener. See Guides.
F.R.C.C.(J.) = Fell and Rock Climbers' Club (Journal).
Fr. Ogi. See Guides.
G.J. = Geographical Journal.
Galton = Memories of my Life, by F. G. See vol. i, p. 113.
Gardiner = The Alpine Career of F. Gardiner, by W. A. B. Coolidge.
George = The Oberland and its Glaciers, by H. B. G. See vol. i, p. 118.
Gilbert and Churchill = The Dolomite Mountains, by G. and C. See below, pp. 49, 171.
Girdlestone = The High Alps without Guides, by Arthur Gilbert G.
Guides. References to Guides' names indicate that information has been obtained either from the Führerbuch of the Guide mentioned, or from MS. extracts from the same.
H.O. = Holy Orders.
Haskett-Smith = Climbing in the British Isles, by W. P. H.-S., A.C.
Harrison, Frederic = My Alpine Jubilee, by F. H. See vol. i, p. 138.
Hinchliff = Summer Months in the Alps, by T. W. H. See vol. i, p. 150.
Hort = Life and Letters of F. J. A. H. See vol. i, p. 156.
Hudson = Where there's a Will, there's a Way, by C Hudson and E. S. Kennedy. See vol. i, p. 161.
I.C.R.V. = Inns of Court Rifle Volunteers.
J. = Journal, or Jahrbuch. Jb. = Jahrbuch.
Jakob Anderegg. See Guides.
Javelle = Alpine Memories, by Émile J.
J. M. Kronig. See Guides.
Joh. Fischer. See Guides.
Jos. Oberhauser. See Guides.
K. Blatter. See Guides.
K. Maurer. See Guides.
Kurz = Climbers' Guide to the Chain of Mont Blanc, by Louis K.
Larden = Recollections of an Old Mountaineer, by Walter L., A.C.
Levasseur = Les Alpes et les Grandes Ascensions, by E. L.
Longman = Modern Mountaineering, by W. L. See vol. i, p. 193.
M.A.V. = Mitteilungen D.Ö.A.V.
M. and W. = Men and Women of the Time.
M.E.B. = Modern English Biographies, by F. C. Boase.
Maclean = Pamphlet by F. W. M. See below, p. 225.
Mitt. = Mitteilungen.
Moore = The Alps in 1864, by A. W. M. See vol. i, p. 226.
Murray = Handbook to Switzerland, &c., by J. M. See vol. i, p. 238.
N.A.P. = Neue Alpenpost.
N.T.F. = Norske Turistförening.
Ö.A.Z. = Oesterreichische Alpenzeitung.
O.V.B. = Old Visitors' Book.
P. or Pr. = President.

P. Knubel. See Guides.
P.M. = Petermann's Geographische Mitteilungen.
P.P.G. = Peaks, Passes, and Glaciers. See vol. i, pp. 18, 174, 191.
Phil. Mag. = Philosophical Magazine.
Pioneers = Pioneers of the Alps, by G. D. Cunningham, A.C., and Sir W. Abney, A.C.; references are to the larger edition.
Proc. = Proceedings.
Q. = Qualification.
R.G.S. = Royal Geographical Society.
R.M. = Rivista Mensile, of C.A.I.
R.S. = Royal Society.
res. = resigned.
Rev. Alp. = Revue Alpine, organ of Lyons section of C.A.F.
Rev. Alp. Dauph. = Revue des Alpes Dauphinoises.
Rivington = Notes of Travel, by A. R. See vol. i, p. 271.
S. = Secretary.
S.A.C.(J.) = Schweizer Alpenclub (Jahrbuch).
Schütz Wilson = Alpine Ascents and Adventures, by H. Sch. W. See below, pp. 310–11.
Schw. Alp. Ztg. = Schweizer Alpenzeitung.
S.M.C. = Scottish Mountaineering Club.
Soc. Ram. = Société Ramond. See below, p. 298.
Soc. Alp. Trid. = Società degli Alpinisti Tridentini.
S.T.D. = Société des Touristes du Dauphiné.
Stephan zum Taugwald. See Guides.
Stéphen d'Arve = Fastes du Mont Blanc, by S. d'A.
Studer = Ueber Eis und Schnee, 3 vols., by Gottlieb S., Edition of 1896–9.
Studer O.E. = Older Edition of Studer.
Swiss Travel (and Swiss Guidebooks), by W. A. B. Coolidge. See below, p. 77.
Tannler, J. See Guides.
Tuckett = A Pioneer of the High Alps. See vol. i, p. 339.
Ulrich Lauener. See Guides.
V.B. = Visitors' Book.
V.P. = Vice-President.
Vaccarone = List of First Ascents, by L. V.
W. or Western Alps = Alpine Guide to the Western Alps. See vol. i, p. 20. References, unless otherwise stated, are to the 1873 edition.
Whymper = Scrambles amongst the Alps, by E. W. See vol. i, p. 377.
Wigram = Memoirs of W. W. See vol. i, p. 381.
Y.R.C. = Yorkshire Ramblers' Club.
Z.A.V. = Zeitschrift des D.Ö.A.V.

David James Abercromby

(June 1866, C. 1876–9, d.m. 1918)

Born 25 April 1837. Son of Sir Robert Abercromby, 5th Bart., and Elizabeth Stephenson, d. of Samuel Douglas of Netherlaw.

Married 1877 Beatrice Jane Temple, d. of Rev. Henry Temple Frere.

Educated Trinity College, Cambridge. B.A., 1860.

Captain in the Royal Aberdeenshire Highland Militia, 1864–9.

Accidentally killed by a motor omnibus, 9 March 1918. (In Memoriam, xxxii. 254–6, giving a list of his climbs.)

Q. Alpine. Member of C.A.F., Paris section, 1877.

1863. With S. Rostron, *Monte Rosa*, 7/ix; *Mettelhorn*; *Cima di Jazzi*; and *New Weisstor*, 9/ix; *Monte Moro*, 10/ix; *Alphubeljoch*, 12/ix (Stephan zum Taugwald); *Col d'Hérens*, 14/ix; *Cols de Torrent* and *de Sorebois*, 15/ix; *Triftjoch*, 16/ix (O.V.B.); *Oberaarjoch*.

1864. *Mont Blanc*, 6/viii; *Col du Géant*; *Mont Velan* traversed, 15 or 16/viii; *Cols de Valpelline* and *de la Tête Blanche*, 17/viii; *Breithorn*, 22/viii (O.V.B.); *Strahlegg*; and *Wetterhorn*, probably with S. Rostron; *Tschingel* pass; *Dent du Midi* with Rostron, 19/ix (O.V.B.).

1865. *Grand Combin*; 2nd ascent of *Aiguille du Midi*, 29/viii (v. 44, xxxii. 255); *Finsteraarhorn* with J. Sheil, 13/ix (xxxii. 224); *Aletschhorn*; *Jungfrau*; *Mönchjoch*.

1866. *Mont Blanc*.

1867. *Grand Paradis*; *Grivola*; *Mont Blanc* with Rostron, 7/ix.

1870. *Piz Bernina*; *Piz Zupo*; *Ortlerspitze*, 1/ix ('Tourist', 1871, p. 694).

1871. *Aiguille Verte*, 14/ix (Stephen d'Arve, p. 285; 2nd ed., p. 410); *Col du Géant*; *Col de Miage*.

1872. Present at the Annual Festival of the S.A.C. at Lausanne with A. A. Reilly, F. A. Wallroth, and G. Loppé, 24–6/viii (account by the three former, vi. 184–8); *Mont Blanc*

with Wallroth, 3/ix; *Matterhorn*, 12/ix; *Weisshorn*; *Dom*, 19/ix (xxxii. 101).

1873. *Aiguille du Gouter*; *Col du Géant*; *Aiguille Pitschner*; *Col de Talêfre* (3rd passage); *Strahlhorn*; *Weissmies*.

1874. *Lyskamm*; *Rothhorn*; *Monte Rosa*; *Breithorn*; *Cima di Jazzi*.

1875. *Monte Rosa*; *Dent Blanche*; *Rimpfischhorn*; *Breithorn*; *Felikjoch*, twice; *Mönch* from the Wengern Alp; *Schreckhorn*; *Eiger*.

1876. *Cima di Jazzi*. Started for Castor with W. E. Davidson, J. A. Peebles Chaplin, and Mr. and Mrs. E. P. Jackson; at 10 a.m. found the surviving members of Mr. Hayman's party who had met with an accident on the Felikjoch; got back to Riffel, 8 p.m., 29/viii; he wrote two letters on the subject, viii. 112, 163.

1877. See W. E. Davidson.

Gave up climbing after his marriage except for a 4th ascent of *Monte Rosa* 'by the rocks' (6/ix, see xxxii. 103), and a 2nd ascent of the Eiger in 1880; and a 4th ascent of the *Breithorn* in 1899.

William Grylls Adams

(April 1864, d.m. 1915)

Born 16 Feb. 1813, Laneast, Cornwall. Son of Thomas Adams and Tabitha Knill Grylls of Budharlick (both families had been farmers in the neighbourhood as far back as records can be traced).

Married 1869 Mary Dingle of Lewannick, Cornwall. Father of W. G. Adams, jun.

Educated Rev. R. Wall's School, Birkenhead, and St. John's College, Cambridge; 12th Wrangler, 1859. Fellow of St. John's College, 1865–9. D.Sc., 1889. Examiner in the Natural Science Tripos, 1875–8, 1888–9.

For about a year was Vice-Principal of the Peterborough Training College, 1859–60. Assistant Master at Marlborough College, 1860–3. Lecturer on Natural Philosophy and Astronomy at King's College, London, 1863–5; Professor, 1865–1905. Of Heathfield, Broadstone, Dorset, 1905–15.

F.R.S., 1872; Member of Council, 1882–4, and 1896–8; Bakerian Lecturer, 1875. Took an active part in the foundation of the

Physical Society of London (1874); President, 1878–80. President of Society of Telegraph Engineers and Electricians (now the Institute of Electrical Engineers), 1884. F.G.S., 1865. Member of the Mathematical Society of London. A staunch supporter of the British Association; his name appears in its records almost continuously from 1873 to 1911; President of Mathematical and Physical Section at Swansea, 1880.

Examiner in Experimental Philosophy, London University, 1869–74, 1878–83.

For many years a member of the Kew Observatory Committee of the R.S. (since amalgamated with the administration of the National Physical Laboratory), and of the Board of Visitors of the Royal Observatory, Greenwich.

Author of numerous papers on physical subjects in *Nature*, the *Philosophical Magazine*, the 'Proceedings and Philosophical Transactions of the Royal Society', 'Proceedings of the Physical Society' and 'Institution of Electrical Engineers', 'British Association Reports', &c.

Edited two volumes of the scientific papers of his brother John Couch Adams, the discoverer of Neptune, 1896, 1901.

Died 10 April 1915. (M. and W.; 'Who's Who'; *The Times*; 'Proc. R.S.', 1915, p. lxiii.)

Q. Alpine.

1863. *Furtwang* pass with J. Sowerby (i. 383). Had some curious electrical experiences on Upper Aletsch glacier, with Sowerby and R. Spence Watson while returning to the Eggishorn from a visit to the Jungfraujoch, 10/vii (i. 142; Whymper, 98, note). *New Weissthor*; *Pizzo Bianco*; *Adler* pass, all with Sowerby; *Mt. Rosa*, 18/vii (O.V.B.).

1865. 1st recorded passage of the *Brèche de St. Christophe* (*Col du Jodri*) and ascent of the *Jandri* (*Jodri*), 12/vii, with R. W. Taylor; 1st ascent of the S. peak of the *Pointe de St. Anne* (Cottian Alps), 18/vii (ii. 206–7, ix. 348; 'Western Alps', pp. 33, 92; see ii. 388; 'Rev. Alpine', x. 141).

1867. With T. G. Bonney, *Piz Languard* ('Alpine Regions', p. 194); new route from Pontresina to the Boval pass and *Piz Morteratsch* by the *Chunetta* pass, 17/vii (iv. 52; Bernina C.G. ii. 102, 111; Studer, iii. 163); *Passo di Val Viola*; *Ortlerspitze*, 23/vii.

1896. Norway. Wrote a paper describing a night walk

across the *Justedal* glacier and an ascent of *Skjeidesnipa*, with W. G. Adams, jun. (xviii. 302).

1897. Showed some photographs of the Bow Valley (Canadian Rockies) at the December exhibition.

Alexander Allan

(Dec. 1864, resigned 1865)

Born 1841 or 42. Son of James Allan of Glasgow, shipowner. Brother of R. G. Allan.

Educated Glasgow University.

Died at Cannes 19 April 1869, aged 27.

Q. Alpine.

1865. *Mont Blanc* with R. G. Allan, 9/viii.

Robert G. Allan

(Dec. 1864, resigned 1865)

Born . Brother of A. Allan (q.v.).

Educated Glasgow University.

Shipowner, Liverpool.

Died 1915.

Q. Alpine.

1865. See A. Allan.

Right Hon. Sir Thomas Clifford Allbutt, K.C.B.

(Dec. 1870, d.m. 1925)

Born 20 July 1836, Dewsbury. Son of Rev. Thomas Allbutt, Vicar of Dewsbury, later Rector of Debach cum Boulge, Suffolk, and Marianne, d. of John Wooler of Rouse Hill, Dewsbury.

Married 1869 Susan, d. of Thomas England of Weeton House, Leeds.

Educated St. Peter's School, York ; Caius College, Cambridge (Scholar ; 1st Class in Natural Science Tripos, distinguished in Chemistry and Geology, 1860 ; M.D., 1868) ; St. George's Hospital ; and Paris. M.R.C.P. London, 1878. F.R.C.P., 1882.

Practised as a physician in Leeds from about 1870—soon after

which he was appointed Consulting Physician to the Leeds General Infirmary, and Lecturer on the Practice of Physic in the Leeds School of Medicine—till 1889, and during the last fifteen years of his residence there 'had perhaps the largest purely consulting physician's practice ever carried on in the provinces' (M. and W.). During the same time he contributed largely to medical literature and invented the 'Short Clinical Thermometer'. His earliest researches were concerned with bodily temperature in health and disease (see below); he also did original work on the pathology of the nervous system, tetanus, and hydrophobia.

Commissioner in Lunacy, 1889–92.

Regius Professor of Physics in Cambridge University, and Fellow of Caius College, 1892.

In the same year he was appointed Physician to Addenbrooke's Hospital, Cambridge; and subsequently became Consulting Physician to the Belgrave Hospital for Children; the Mount Vernon Hospital for Consumption; King Edward VII's Sanatorium, Midhurst; and H.M. Convalescent Home, Osborne House. Censor and Examiner in Medicine to the Royal College of Physicians and Examiner in Medicine to Oxford University.

Acted during the war as an honorary Lieut.-Colonel, 1st Eastern General Hospital, R.A.M.C.

Member of the Departmental Committee of the Home Office on Trade Diseases, 1906–8; Committee on National Medical Research and other Government and Royal Society Committees.

F.S.A. and F.L.S., 1867. F.R.S., 1880; Member of Council, 1896–8; V.P., 1914–16.

J.P. and D.L. for West Riding of Yorks.; J.P. for Cambridgeshire. K.C.B., 1907. Privy Councillor, 1920.

Honorary LL.D. Glasgow, 1888; M.D. Dublin and F.R.C.P. (Ireland), 1899; D.Sc. Victoria, 1899; Oxford, 1904; Leeds, 1906; Durham, 1913; LL.D. McGill University and Toronto, 1906; St. Andrews, 1911. Honorary Fellow of the New York Medical Academy, the Hunterian Society, London, and the Royal Medical Society of Edinburgh. Honorary Member of the American Association of Physicians. Foreign Hon. Member of the American Academy of Arts and Sciences.

Author of 'The Ophthalmoscope in Medicine' (1868 and 1871); 'Overwork and Strain of the Heart' (1871); Gulstonian Lectures on 'Visceral Neuroses' (1884); Joint Author of 'Treat-

ment of Scrofulous Neck' (1885); Author of the Lane Lectures on 'Diseases of the Heart' (1896); 'Science and Mediaeval Thought', the Harveian oration, Oct. 1900 (1901); 'The Historical Relations of Medicine and Surgery to the end of the Sixteenth Century' (1905); Fitzpatrick Lectures on Greek Medicine in Rome (1909–10); 'Greco-Roman Medicine and other historical Essays' (1921); 'Diseases of the Arteries and Angina Pectoris' (1915); 'Science in the School' (1917); 'Notes on the Composition of Scientific Papers' (1923); many papers in the 'Proceedings of the Royal Society', 'Pathological Transactions', &c., and articles on 'Lord Lister', 'Ignatz Sommelweiss', and 'Medicine: Modern Progress', in *Encycl. Brit.*, 11th ed. Editor of the 'System of Medicine' (1896–9); Joint editor of 'System of Gynaecology' (1906).

Nine days before his death he addressed to *The Times* an eloquent plea for the preservation of beauty in Lakeland 'from one who has walked in the Lake Country almost every year since the age of 14'.

Died 22 Feb. 1925. (M. and W.; *The Times*; 'Who's Who', &c.)

Q. Alpine. Member of the Climbers' Club (original), and Fell and Rock Climbers' Club.

1867. With T. S. Kennedy, *Galenstock*; *Oberaarjoch*; attempt on *Aiguille de Blaitière* (Almer, 131; 'Pioneers', 265; xxxi. 204).

1870. With T. S. Kennedy, attempt on *Dent de Morcles* (xxxi. 203–4); *Col du Mont Tondu*; *Col du Géant*; attempt on *Mont Blanc*, 6/ix (the day of the fatal storm described v. 193). Observations carried on throughout this tour resulted in a paper 'On the Effect of Exercise upon the Bodily Temperature' (founded on a paper read before the Royal Society), v. 212–18.

1873. Read a paper on 'The Physical Aspects of Mountaineering' to the Clinical Society of London. 1876. Paper 'On the Health and Training of Mountaineers', viii. 30.

Presided at the unveiling of the Memorial to C. E. Mathews at Chamonix, 24/viii/1907. See xxiii. 627–9.

Wrote an In Memoriam notice of T. S. Kennedy, xvii. 331; 'Reminiscences of François Devouassoud', xxxi. 202–6.

Author of article on 'Training for Switzerland' in *Travel*, Aug.–Sept., 1896.

One of the Sunday Tramps (L. Stephen, 'Life', p. 500).

Denison William Allport

(Feb. 1874)

Born 22 April 1844. Son of Denison Harrison Allport of Camberwell.

Married 1884 Harriet Elizabeth, d. of Thomas Hiatt of Camberwell.

Educated Denmark Hill Grammar School.

In 1861 entered the service of the Royal Mail Steam Packet Co. ; retired in 1915 after 54 years' service.

Has delivered over 3,000 lectures on literary and biographical subjects in England and Scotland during the last fifty years.

Q. Alpine and Norway.

1866. Norway ; ascended *Galdhoppigen.*

1870. *Monte Rosa* with G. W. Stevens, 15/viii (xxxii. 99 ; P. Knubel).

1872. With G. W. Stevens, *Strahlegg* pass ; *Finsteraarhorn* from a gîte on the Oberaarjoch ; lost their way in descending, and made an unorthodox route viâ the Viescher glacier to the Eggishorn hotel which was reached at midnight. He described the adventure (' Rough Weather on the Finsteraarhorn fifty years ago '), xxxiv. 251–7. [Note. An Extract from the Grimsel V.B. gives the date 1871.]

Rev. Arthur Campbell Clements Anstey

(Dec. 1870, res. 1874)

Born 3 March 1843. Son of Rev. Arthur Anstey, Rector of Handley, Dorset.

Married 1871 Agnes, d. of Rev. Canon Randall, Rural Dean and Vicar of St. Mary Redcliffe, Bristol.

Educated Uppingham and University College, Oxford ; 2nd Class in Classical Mods., 1864 ; 3rd Class in Literae Humaniores, 1866.

Assistant Master at Uppingham, 1867–71. H.O., 1871. Curate of St. Mary Redcliffe, Bristol, 1871–4 ; Vicar of Whiteshill, Gloucestershire, 1875–83 ; of Bedminster, Bristol, 1883–8 ; of St. John the Evangelist, Clifton, 1888–9 ; Honorary Canon of Bristol, 1898. Latterly he was in charge of a new Mission in the

densely populated district of Bedminster, and lived in a modest dwelling in the midst of his work, having relinquished the vicarage of St. John's, Clifton, in order to take up the duty of furthering the local Church Extension Scheme.

Died 4 Jan. 1900. (*The Times.*)

Q. Alpine.

1870. *Finsteraarhorn*, 17/vii (Joh. Fischer).

Lieut.-Colonel Robert Hamilton Lloyd-Anstruther

(Feb. 1864, res. 1869)

Born 27 April 1841. Son of James Hamilton Lloyd Anstruther of Hintlesham Hall, Suffolk, and Georgina Charlotte, d. of Hon. Lindsey Merrik Peter Burrell.

Married 1871 Gertrude Louisa Georgiana, d. of Francis Horatio Fitzroy.

Educated Sandhurst.

Entered the Rifle Brigade, 1858 ; served in the Indian Mutiny (medal) ; Lieutenant, 1862 ; in the Fenian raid, Canada, 1866 (medal and clasp) ; Captain, 1872 ; Major, 1881 ; served in the Suakin Expedition, 1885 (medal and clasp and Khedive's bronze star) ; held various Staff appointments. Retired with the rank of Lieut.-Colonel, 1886.

Of Hintlesham Hall from 1882. J.P. and D.L., Suffolk ; Alderman of the East Suffolk County Council ; M.P. (Conservative) for the Woodbridge Division of Suffolk, 1886–92.

F.R.G.S., 1864.

Died 24 Aug. 1914. (' Who's Who ' ; *The Times.*)

Q. Chor Hoti pass, Himalayas (Garhwal), *c.* 18,600 ft. ; various expeditions and bivouacs for thirty days at heights from 10,000 to 16,000 ft.

Classical Moderations, 1869 ; 3rd Class in Literae Humaniores, 1871. Studied in Berlin, Munich, Wurzburg, and Paris, 1871–2.

Assistant Master at Clifton, 1873–7. Joint Head Master of a preparatory school at Wixenford, Eversley, Winchfield, 1877–9 ; Head Master, 1879–1903.

Lived near Godalming, 1904–17.

Died 15 Feb. 1917.

Q. Alpine.

1869. *Tschingel* pass ; *Lötschen* pass and *Lötschen Lücke* with C. B. Hutchinson (Ulrich Lauener, p. 134).

1874. *Dom* ; *Weisshorn* ; *Matterhorn*, 25/viii, all with F. W. Headley (A. Pollinger).

1902. *Lysjoch* and *Lyskamm* (K. Maurer).

Right Rev. William Awdry

(April 1865, resigned 1867)

Born 24 Jan. 1842, Notton, Wilts. Son of Sir John Wither Awdry, Chief Justice of Bombay, and Frances Ellen, d. of Right Rev. Thomas Carr, Bishop of Bombay.

Married 1868 Frances Emily, d. of Right Rev. George Moberly, Bishop of Salisbury.

Educated Winchester and Balliol College, Oxford ; 1st Class in Classical Mods., 1862 ; 1st Class in Literae Humaniores, 1865 ; Ellerton Theological Essay Prize, 1867.

Rowed in the (winning) University VIII, 1863 and 1864.

President of the Oxford Union Society, 1866.

Michel Fellow of Queen's College, 1866. Hon. D.D., 1895 ; D.C.L., Durham.

H.O., 1866. Curate of St. Peter's-in-the-East and Lecturer at Queen's College, 1866–8 ; Second Master at Winchester, 1868–72 ; Head Master of St. John's College, Hurstpierpoint, 1873–9 ; Fellow of Lancing College, Sussex, 1873–96 ; Wiccamical Prebendary of Chichester, 1877–1902 ; Canon-Residentiary of Chichester and Principal of Chichester Theological College, 1879–86 ; Vicar of Amport, Hants, 1886–96 ; Bishop of Southampton, 1895–6.

Bishop of Osaka, West Japan, 1896–7 ; Bishop of South Tokyo, Central Japan, 1898–1908. In 1908 he returned to England for the Pan-Anglican Conference, and was overtaken by illness which compelled him to resign.

He wrote several letters to *The Times* after the Russo-Japanese War on Japanese life and character, the last of which appeared 3 Nov. 1909.

Died at Winchester 4 Jan. 1910. (*The Times.*)

Q. Alpine (season of 1863).

1863. With F. Morshead and A. and W. F. Short, 1st ascent, from Elm, of the *Sauren* pass (*Sardona* pass), 29/vi (i. 134); *Galenstock*; *Oberaarjoch*; and *Schwarzberg Weisstor*, 9/viii, with Morshead and A. Short; 3rd ascent of the *Lyskamm* with Morshead and A. W. Moore, 13/vii (xxxii. 210).

Henry Backhouse

(March 1876)

Born 29 June 1849. Son of William Backhouse of St. John's, Wolsingham, near Darlington.

Married 1st, 1885, Georgina Mary, d. of John Harrison Stanton of Stubb House, Co. Durham; 2nd, 1893, Mary, d. of Arthur Lucas of Darlington.

Educated the Friends' School, Grove House, Tottenham.

In the family bank of Messrs. Backhouse & Co., Darlington. Retired, 1905; since then has devoted himself to gardening and botany and other scientific pursuits.

Q. Alpine.

1873. *Schilthorn*; *Strahlegg* (Ulrich Lauener, p. 163); *Breithorn*; *Monte Rosa*.

1875. *Strahlegg*; *Jungfrau*; *Triftjoch*.

1877. *Tofana*; *Marmolata*; *Langkofel*.

1880. *Alphubeljoch*; *Rothhorn* (A. Pollinger); *Weisshorn*, 17/vii ('Echo', 1880, p. 205; N.A.P. xii (1880), p. 63); *Matterhorn*, 19/vii.

1900. Pyrenees: mainly in search of flowers.

1902. Visited the Canadian Rockies.

John Henry Backhouse

(Dec. 1865, d.m. 1869)

Born 22 Oct. 1844. Son of John Church Backhouse of Darlington, and Anna, d. of Joseph John Gurney, of Earlham Hall, near Norwich.

Matriculated London University, 1862 ; Intermed. Arts, 1863 (1st Class Honours in Latin) ; B.A., 1864.

Partner in the banking firm of Backhouse & Co., Darlington.

F.R.G.S., 1863.

Died unmarried 20 June 1869. (vi. 113.)

Q. Alpine (the season of 1865).

1865. With D. W. Freshfield (q.v. for fuller details), and F. F. Tuckett, *Passi de Canali* and *di Miel* (1st passage by travellers), 30/v ; *Passi de Rosetta* and *delle Comelle*, 1/vi ; *Forcella Forada*, 3/vi ; *Forcella Piccola*, 5/vi ; *Ober-Bachernjoch*, 6/vi ; then left the others, crossed the *Pfandlscharte*, and rejoined them at Krimml, 13/vi ; *Krimmler Tauern*, 14/vi ; 1st ascent and traverse of the *Mösele*, 16/vi ; to Innsbruck, 17/vi ; *Pfaffenschneide* (*Vorder Schaufelspitze*), 2nd ascent, and *Pfaffenjoch*, 20/vi ; *Wildspitze*, 3rd ascent, and 1st passage of *Rofenkarjoch* (*Mittelbergerjoch*), 22/vi ; left the others and rejoined them at Trafoi, 25/vi ; *Ortlerjoch* (1st passage), 26/vi ; 1st ascents of *Punta di San Matteo* (*Pizzo della Mare*) and *Monte Tresero*, 28/vi ; *Passo della Vedretta Rossa* (*Passo del Forno*), 1st passage, 29/vi ; *Adamello* (2nd ascent) and *Adamello* pass, 3/vii.

With Freshfield, Tuckett, and H. E. Buxton, 2nd ascent (the 1st was in 1793) of *Piz Urlaun*, 11/vii ; *Sand Alp* pass, 12/vii.

1867. See D. W. Freshfield.

William Adolf Baillie-Grohman

(March 1874, d.m. 1921)

Born 1 April 1851. Son of a Viennese banker, a notable sportsman, who resided largely in England, and Miss Reade, d. of James Reade of Mount Heaton, King's County, a cousin of the Duke of Wellington.

Married 1887 Florence, d. of Tom Nickalls, of Nutfield, Surrey.

Educated in Austria, England (was a school-fellow of W. A. B. Coolidge (q.v.), at St. Elizabeth's College, Guernsey), and France.

His father owned the estate of St. Wolfgang, on the Aber-see, near Ischl, and his grandfather the adjoining estate of Schwarzenbach. Here he spent his childhood and much of his early boyhood, and imbibed his passionate love of sport. He was given a gun on his ninth birthday with which he shot a deer a few months

later, and a rifle before he was twelve, and became well versed in woodcraft. He has described this period of his life in 'Sport in the Alps', chap. xvii.

It became necessary to sell the family estates in 1866, and both his father and grandfather died not long afterwards, but his mother remained in Austria and in 1873 purchased a second Tyrolese home, the historic castle of Schloss Matzen, near Brixlegg (see 'The Land in the Mountains'), which remained in his possession till his death. In the meantime at the age of 16 he had taken to chamois-hunting combined with mountaineering, and continued to devote himself for ten or eleven years to these and other forms of sport, and to the study of the customs, beliefs, and habits of life of the Tyrolese peasants, joining in their shooting-matches, wedding festivities, &c., and collecting old pictures, furniture, and other antiquities. In 1875 he gave the results of these experiences in 'Tyrol and the Tyrolese: the People and the Land, in their social, sporting, and mountaineering aspects' (reviewed vii. 457). The book is based mainly on first-hand observation, and is largely autobiographical. It was followed by 'Gaddings with a Primitive People' (2 vols. 1878, reviewed ix. 177), composed on similar lines, but with less sport, more old customs and more collecting.

Most if not all of his Alpine climbing was accomplished during these years. His qualification includes the *Ortlerspitze*, *Gross Glockner*, *Gr. Venediger*, *Antelao*, *Dreiherrenspitze*, *Monte Cristallo*, *Piz Popena*, *Dachstein*, and a *Fritschspitze* (?) which I cannot identify. He made the 1st winter ascent of the *Gross Glockner*, 2/i/1875; his earliest printed pieces are a paper on this expedition (vii. 211), and another on his capture of two young golden eagles in 1872 (ibid., p. 92); both were reproduced with additions in 'Tyrol and the Tyrolese'. No accounts of other expeditions exist, but he made ascents of many minor Tyrolean peaks in the Northern 'Kalkalpen', and, in particular, in 1872–3–4, climbed all the summits of the Karwendel group, which had then been visited by no other climbers except Heinrich von Barth (in 1870), including the peaks in the Vomperkette which Barth had not ascended (M.A.V., 1879, p. 24; 1881, p. 48; cf. 'Gaddings', ii. 262 and E. i. 208, note). Richter (E. iii. 165–85) ignores his ascent of the Gross Glockner.

During the latter years of this period he spent some time in England, and was in business in London. In 1878 he visited the

United States, and made a hunting expedition in the Rockies. He was fascinated by the Great North-West, and returned thither twice in the next three years : the story of these trips is told in ' Camps in the Rockies ' (1882). In the course of a 4th trip (1882), he crossed from N. Idaho into British Columbia, being the first white man to visit the W. Kootenay mountains for sport ; what he saw in this region diverted his energies for ten years into an entirely new channel. He staked out a mining claim, but rivals were in the field, and he became involved in a protracted mining lawsuit, in which he was finally unsuccessful. It brought him into collision with another of the litigants, a crazy desperado named Sprowle, who on one occasion fired at him at a distance of a few feet from an ambush and he was only saved, miraculously, by his horse shying. Next day he spent half an hour in a railway carriage, looking down the muzzle of Sprowle's revolver. He also obtained a large land concession from the Government of British Columbia in developing which considerable capital had to be spent. He constructed a canal, built saw-mills, transported a small steamer from England over the ocean, then by rail for 3,000 miles, and finally on the shoulders of an army of Indians over a roadless pass, to the Kootenay river. There he founded a township, built an hotel and a store, was appointed the first J.P. of the district, and for some time acted as Postmaster. In fact he gave the now famous Kootenay district its first start though his schemes were adversely affected by the appearance on the scene of the surveyors of the Canadian Pacific Railway, and later were thwarted by the attitude of the Government and a London Company which wished to step into his shoes. His township, a stream, and one of the highest peaks on the ridge between the Kootenay lake and the Upper Kootenay river bear his name ; the latter was said to be the only peak in the neighbourhood which he had not climbed. He was the first to explore the then untrodden Selkirks and made many new ascents, though lack of trained companions prevented him from venturing above the snow-line (see a letter from him, xx. 427–8). After his marriage he made himself a second home in Victoria, but finally decided to abandon his enterprises in 1893, and returned to Europe leaving a remarkable reputation behind him. Probably no European has seen so much of American big game. He gave a spirited account of all this in chapters x–xiv of ' Fifteen Years' Sport and Life in the Hunting Grounds of

Western America and British Columbia ', 1900 (reviewed xx. 419), where he also describes the American Trophy Exhibition held at Earl's Court in 1887, of which he and E. N. Buxton were two of the principal organizers.

His home for the rest of his life was Schloss Matzen, which he filled with his big game trophies, and with medieval furniture and works of art. He continued to shoot for many years, bringing his bag of chamois up to 599 (see xxv. 675), and formed a remarkable collection of sporting books and prints, containing over 4,000 items, which he sold in 1919 to the Library of Congress at Washington. Besides the books already mentioned he published ' Sport in the Alps ' (1896, reviewed by H. E. M. Stutfield, xviii. 280) ; ' The Land in the Mountains ' (giving a history of Schloss Matzen, 1907 : reviewed xxiv. 182 ; G.J. xxx. 435) ; ' Tyrol ' (1908) ; ' Sport in Art ', an iconography of Sport from the beginning of the fifteenth to the end of the eighteenth century (1913 ; reviewed xxviii. 103, by A. H. Tubby) ; and edited the ' Jagdbuch ' of Maximilian I, Emperor of Germany (1901), and ' The Master of Game ', the oldest English book on hunting (with a foreword by Th. Rooseveldt, 1909). He also contributed the chapters on Europe to the Big Game volumes of the Badminton Library (1894) and many articles and letters to the *Quarterly Review*, *Nineteenth Century*, *Fortnightly Review*, *Field*, &c.

As a target shot he held his own not only with the Tyrolese, but with well-known shots in western America and at Bisley, and possessed over seventy rifle-shooting prizes. During the South African War he urged the need of national training in marksmanship in numerous letters to *The Times*, the *Field*, &c., and a series of articles in the *Nineteenth Century* (Sept. 1899, May 1900) and the *Fortnightly Review* (Feb., March 1900, March 1901).

In 1920 he started the Tyrolese Relief Fund, in conjunction with Lord Bryce, Sir M. Conway, and others.

In 1881 Duke Ernest II of Saxe-Coburg conferred on him the first class Knight's Cross of the Ernestine House Order, but he never made any use of the title.

Died at Schloss Matzen 27 Nov. 1921. (' Who's Who ' ; *The Times* ; In Memoriam, by Sir M. Conway, xxxiv. 312.)

Q. Alpine (see above).

For some remarks by him on chamois-hunting see xxv. 675.

Wynne Albert Bankes

(March 1872, resigned 1898)

Born 1 May 1840. Son of Rt. Hon. George Bankes, M.P., and Georgiana Charlotte, d. of Admiral Sir Charles Edmund Nugent, K.C.B.

Married 1873 Florence Mary Anne, d. of Rev. Frederick Fane.

Entered the Navy and served as a midshipman in the Baltic and Black Seas, 1854–5 ; was present at the taking of Sebastopol (Baltic and Crimean medals and clasp). Then at Trinity Hall, Cambridge ; B.A., 1864.

Barrister (Inner Temple), 1867.

Of Wolveton House, Dorchester, from 1876. J.P. and D.L. for Dorsetshire. ' An artist antiquary and connoisseur, he took delight in his historic Tudor House.'

Died at Wolveton 16 April 1913. (*The Times*).

Q. Alpine.

Alfred Graeff Barber

(Feb. 1873, d.m. 1873)

Born 1842 or 43. Son of Alfred Kingsford Barber of Stamford Hill, Middlesex.

Married 1870 Georgina Herrick, d. of James F. Smith of Toronto.

On the London Stock Exchange.

Died 10 April 1873, aged 30.

Q. Alps and Pyrenees.

1864. *Breithorn* (J. M. Kronig), *c.* 15/viii.

1872. *Monte della Disgrazia* with F. C. Grove, 17/viii (C.A.I. Boll. ix. 422 ; Alpinista, i. 13).

Frederick Thomas Pratt Barlow

(Mar. 1869, C. 1874–6, d.m. 1893)

Born 17 Sept. 1843. Second son of Frederick Pratt Barlow, and Frances, d. of John Dickinson, F.R.S., founder of the well-known firm of John Dickinson & Co., paper-makers. Nephew of Mrs. W. Longman.

Married 1888 Rachel Maria, d. of Captain Catesby Paget, grand-d. of the Hon. Berkeley Paget.

Educated Felsted and Harrow.

Partner in the firm of John Dickinson & Co.

Died 1 Aug. 1893. (In Memoriam, by S. F. Still, xvi. 498.)

Q. Alpine.

1862. See i. 23.

1868. See viii. 20.

1872. With S. F. Still, *Col du Géant*; 1st ascent by NE. arête of the *Grivola*, 16/viii (vii. 2), and the 2nd (and 1st English) ascent of the *Grand Paradis* from Cogne and the 1st descent by the same route, 19/viii (vi. 91; he read a paper before the Club on this expedition, vii. 1); *Weisshorn*; *Mont Blanc* by T. S. Kennedy's route (2nd ascent ?), 3/ix (C.A.I. Boll. xiii. 582).

1873. *Jungfrau* from Wengern Alp; *Lyskamm*; *Matterhorn*, 23/viii; *Gabelhorn*; all with Still (J. Anderegg); *Mont Blanc*, 15/viii (Stephen d'Arve, 2nd ed.).

1874. 1st ascent of *Monte Rosa* from the *Zumstein* or *Grenzsattel* by the SE. arête with G. W. Prothero, 31/viii (viii. 338, 400; xiii. 204).

1875. *Claridengrat*; *Tödi*; *Sardona* pass; *Piz Roseg*; *Monte della Disgrazia*, 1st ascent from the Val Malenco by the SE. arête, 29/viii—all with S. F. Still (vii. 328; he read a paper before the Club on the latter expedition, viii. 20). Attempt on the *Aiguille Verte* from the Argentière glacier (viii. 289).

1876. *Aig. de Triolet*, 2nd peak; 2nd ascent (1st ascent was 3/viii) of *La Tour Noire*, 18/viii (viii. 106; 'Echo', 1885, p. 227); *Col du Midi*; *Col d'Argentière*; attempt on *Grandes Jorasses*; *Eiger* (Jakob Anderegg).

Leigh Baxter

(March 1875, d.m. 1896)

Born 1843. Son of Joseph Baxter.

Cotton spinner, Lancashire.

Died unmarried 20 July 1896.

Q. Alpine.

1874. See W. W. Simpson.

Henry Awdry Beachcroft

(Feb. 1876)

Born 22 April 1847, Hampstead. Son of Richard Beachcroft and Henrietta, d. of Sir James Cosmo Melvill, K.C.B. Brother of R. M. Beachcroft (q.v.).

Educated Harrow and Caius College, Cambridge ; 3rd Class in Classical Tripos, 1869.

Barrister (Lincoln's Inn), 1872.

Later a proprietary planter in Ceylon, where he lived for many years ; for some time Chairman of the Ceylon Planters' Association.

Died at East Sheen, unmarried, 2 Oct. 1920.

Q. Alpine.

1875. With C. C. Tucker, 5th, and 1st English ascent, and a partly new descent, of the *Hoch Gall*, 27/viii (E. iii. 114) ; discovered a direct route to Cortina from Schluderbach by the Val Travernanzes, 30/viii ; made a new pass (*Passo di San Lucano*) across the high plateau of the Pala group, 30/viii (E. iii. 433) ; attempt on the *Pala di San Martino* from the NW., 2/ix (E. iii. 410–13) ; 1st ascent of the E. (highest) peak of the *Sass Maor*, 4/ix (E. iii. 417) ; and 1st complete passage of the *Passo di Ball*, 6/ix (E. iii. 432 ; vii. 329–36 ; and cf. ibid., pp. 284–5).

1882. *Monte Viso* ; and *Ciamarella*, with T. H. Carson (xxxi. 207).

Sir Richard Melvill Beachcroft

(Dec. 1871, C. 1888–91)

Born 22 Jan. 1846. Brother of H. A. Beachcroft (q.v.).

Married 1877 Charlotte Emily, d. of Robert Maurice Bonnor Maurice of Bodynfoel Hall, Montgomeryshire.

Educated Harrow.

Solicitor (1868), London ; Solicitor to Christ's Hospital from 1873. Member (1873) of the Court of the Clothworkers' Company, with which Company his father's family has been connected for nearly two centuries.

Was an original member of the London County Council, having represented N. Paddington in the first Council, 1889–92 ; elected

an Alderman, 1892–8; represented Finsbury, 1898–1901; N. Paddington, 1901–7; S. Paddington, 1907–10; Deputy Chairman, 1896; Vice-Chairman, 1897; Chairman, 1909–10.

Elected first Chairman of the Metropolitan Water Board, 1903; re-elected 1907–8. Knighted 1904.

F.R.G.S., 1887.

Q. Alpine.

1864. Took part in the tour described by D. W. Freshfield (q.v. for details), in ' From Thonon to Trent ', remarkable for the number of expeditions, many of them new, and the extreme youth of the parties (18, 19, 23).

1871. With C. C. Tucker, *Monte della Disgrazia*, 14/viii (v. 284; Freshfield, ' Ital. Alps ', 86).

1873. With Tucker, 6th recorded ascent by the West Climb (the original route), of the *Pillar Rock* (Haskett Smith, 124; cf. F.R.C.C.J. ii. 15).

1877. *Matterhorn*, 18/viii (Hut-book).

1878. With C. C. Tucker and A. Cust, made the 1st attempt on the *Sasso di Mur*, which resulted in the 1st ascent of the SW. (lower) summit, 6/ix (ix. 114; E. iii. 435); and the 7th ascent of the *Cimon della Pala* (E. iii. 407).

1883. With Mrs. Beachcroft and A. Fairbanks (q.v.) made a ' high level route ' from Saas to the Tosa Falls; *Rossbodenjoch*, 27/viii; *Monte Leone* traversed to Veglia, 28/viii; *Passi di Valtendra* and *di Buscagna* to Devero, 29/viii; with Fairbanks alone crossed the *Col du Vannino* intending to proceed to Tosa Falls by the Neufelgiu pass, but was misled by the map, and after various vicissitudes crossed the *Lebendun* pass or somewhere near it to the Hohsand glacier, descended the glacier and reached Tosa falls by the Gries pass route late at night, 30/viii. He wrote a paper on the tour ' From Simplon to Tosa Falls ', xi. 395; for his last day's course see C.A.I. Boll. xxxiv (1901), pp. 150, 170.

For many years up to 1914 he and his wife made the Bel Alp their summer head-quarters and he was associated with A. Fairbanks in the erection of the English chapel which stands poised above the Aletsch glacier.

Joshua Tovell Beard

(Feb. 1876, d.m. 1899)

Born *c.* 1838.
Solicitor (1860), London.
Died unmarried 5 Feb. 1899, aged 60.

Q. Alpine.
1874. With T. Brooksbank (vol. i), *Katzenzagel*, 12/viii; *Ruosalper Kulm* pass, 13/viii (vii. 155); *Planura* pass; *Scherjoch*; *Oberalpstock*; *Galenstock*; *Ritter* pass, 1/ix; and *Kaltwasserjoch*, 2/ix (vii. 131–2).
1875. With Brooksbank, *Balmhorn* and 2nd known passage of the *Zagenpass*, 15/viii; *Gitzi-* or *Regizzi-furgge*, 17/viii (vii. 441); *Beichgrat*; *Diablons*; *Lysjoch*; *Col delle Loccie*; *Alphubeljoch*; *Weissmies*; *Zwischbergenjoch*.

Andrew Beatson Bell

(Dec. 1864, resigned 1880)

Born 20 Sept. 1831. Son of John Beatson Bell, W.S., of Kilduncan, and Anna, d. of Charles Young of Leith.
Married 1865 Mary, d. of Nicholas Dodd of Bellshield, Northumberland.
Educated Edinburgh Academy, Glasgow (1848–51) and Edinburgh (1851–4) Universities. Hon. Sec. to the Directors of the Edinburgh Academy, 1857–62; Director, 1862–78 and 1880–1913.
Advocate at the Scottish Bar, 1854; Sheriff Substitute of Fife at Dunfermline, 1865; at Cupar, 1869. Joint editor of the 'Digest of Cases in the Supreme Court of Scotland' (which was for long a standard text-book), 1868.
(First) Chairman of the Prison Commissioners for Scotland, 1880–96. J.P. for Fifeshire. Chairman of the Edinburgh Board of the English and Scottish Law Life Assurance Association.
Joined the Advocates' Company of Volunteers, 1859; Lieutenant, 1864; Captain in the 1st Fifeshire Royal Volunteers, 1865–80.
F.R.S. Edinburgh, 1886. President of the Royal Scottish Society of Arts, 1897–9. Governor of Donaldson's Hospital and of the Trust for Education in the Highlands; Director of the

Royal Institution for the Home Relief of Incurables, and of the Royal Edinburgh Sick Children's Hospital.

Died at Edinburgh 6 Jan. 1913. (' Who's Who ' ; *The Times* ; ' Edin. Acad. Chronicle '.)

Q. Alpine.

George Bennett

(May 1874, resigned 1890)

Born 2 Aug. 1832, Naples. Son of Rev. Henry Bennett of Sparkford, and Emily, d. of Edward Moberley of St. Petersburg. Uncle of F. J. Church (q.v.).

Married 1882 Mary Grafton, d. of Charles Moberley of St. Petersburg.

Educated Winchester (Scholar) and New College, Oxford ; 2nd Class in Classical Mods., 1853 ; 3rd Class in Literae Humaniores, 1855. Fellow of New College, 1851.

Rowed in the University VIII and played in the University Cricket XI, 1856. Rowed for Kingston R.C. at Henley, 1859, 60, 61 (?).

Civil Service ; Junior Clerk in the Office of Woods and Forests, Whitehall, 1857 ; later Senior Clerk ; and Receiver-General, 1893–5. Retired 1895 and resided at Sigwell, Southbourne, Hants.

Died at Sigwell 11 Mar. 1913.

Q. Alpine.

1869. *Strahlegg* with A. H. Burton, 24/ix (Almer, 156).

1886. Note on a strange assault on an English traveller on the Gemmi pass, xiii. 184.

Risdon Darracott Bennett

(Feb. 1870, d.m. 1872)

Born 30 Oct. 1832. Son of Sir James Risdon Bennett, F.R.S. (see D.N.B.), and Ellen Selfe, d. of Rev. Henry Page of Rose Hill, Worcester.

Educated St. Paul's School and Trinity Hall, Cambridge (Scholar) ; 2nd Class in the Classical Tripos, 1865. After taking his degree he was awarded a Law Studentship at Trinity Hall in

1869. Secretary (1862), Vice-President (1863), President (1864), of the Cambridge Union Society.

The Old Pauline dinner was revived by his energy in 1864, and he continued to act as Secretary to the dinner (biennially) till his death.

Barrister (Middle Temple), 1867 ; practised on the Western Circuit.

Died 19 Nov. 1872.

Q. Alpine.

1869. *Finsteraarhorn*, 17/ix (Johann Fischer).

1870. (With the late Sir C. P. Ilbert) *Bocca di Brenta* ; *Pisgana* pass (J. Ball's *Bocchetta di Marocaro*) and a guideless ascent of the *Adamello*, 15/ix (notes by him, v. 186–8).

Sir John Henry Gibbs Bergne, K.C.B., K.C.M.G.

(Dec. 1870, C. 1898–1901, d.m. 1908)

Born 12 Aug. 1842, London. Son of John Brodribb Bergne (D.N.B.) and Rebecca, d. of Thomas Gibbs, of Ampthill.

Married 1878 Mary à Court, d. of Rev. S. B. Bergne, Beds., and Old Brompton Lodge, Kensington.

Educated Brighton College and Gothic House, Enfield ; London University Matric. 1859 ; Intermed. Arts, 1860.

Clerk in the Foreign Office, 1861. Was attached to H.M.S. agency at Halifax in connexion with the Fisheries as Acting Second Secretary in the Diplomatic Service, 1875, and acted as Secretary and Protocolist to the Commission, 1877.

Promoted to rank of assistant clerk, 1880. In 1881 he was appointed Superintendent of the Treaty Department, a position which he held till 1893. (His father became the first holder of this office in 1854.) Meanwhile in 1885 he was appointed second British Delegate at the International Copyright Conference at Berne ; in 1886 was British Delegate at the Industrial Property Conference at Rome (April, May) ; C.M.G. (August) ; and again sent to Berne to the Copyright Conference as Plenipotentiary for the signature of the International Copyright Convention signed in September.

Received the Jubilee Medal, 1887. Went to Washington as secretary to J. Chamberlain's Special Commission ; was appointed

to discuss with the United States' Department of State the question of International Copyright ; and acted as Protocolist to the Fisheries' Conference, 1887–8. K.C.M.G., 1888. Served as a Member of the Departmental Committee on Trademarks, 1888. British Delegate at the Industrial Property Conference at Madrid, 1890.

In 1894 he became Senior Clerk in charge of the Commercial Department and Examiner of Treaties. Was one of the British Plenipotentiaries for the signature at Paris in 1896 of the Additional Act to the Copyright Convention of 1886. In 1897 became a member of the Commercial Intelligence Committee ; and was British Plenipotentiary for the signature at Brussels, of the Additional Act to the International Convention for the Protection of Industrial Property. From 1898 onwards was constantly engaged in work in connexion with the Sugar Bounties, attending, as British Delegate, the Conferences at Brussels, 1898 and 1901–2. Was a Royal Commissioner for the Paris Exhibition, 1900.

Retired 1902 and was created C.B., but in 1903 was appointed Chief British Delegate on the Permanent Commission established at Brussels under the Sugar Bounties Convention. K.C.B., 1903. Continued after his retirement to serve as plenipotentiary and delegate at various international conferences and at the time of his death was acting as H.B.M.'s senior representative at the International Copyright Conference at Berlin.

On his retirement from the Foreign Office he became (1903) a member of the Committee of Management of the Society of Authors (which he had joined 1890), and of the Copyright Sub-committee ; served on both till his death, and was Chairman of the former in 1906 and 1907. In these capacities he did invaluable service to the Society by placing unreservedly at their disposal his unique knowledge of all matters connected with International Copyright and acted as their principal adviser, spokesman, and draughtsman on several important occasions. He also played a useful and conciliatory part as chairman, in connexion with the ' Book War ' of 1906.

In his younger days he was a keen cricketer and an active member of the M.C.C., and in later life became an enthusiastic golfer. Like his father, he was a collector, and possessed a valuable collection of blue and white oriental porcelain ; was himself fond of sketching in water-colours.

He was a convinced protectionist, a fact of some interest having regard to his professional experience in that connexion.

In his later years he was a regular summer visitor at Saas Fee and had a remarkable knowledge of the topography of the neighbourhood. Would often act as guide to parties of less experienced friends through the Fee ice fall, or in an ascent of the Allalinhorn.

Died at Berlin (in the same year as his son), 15 Nov. 1908. ('Who's Who'; *The Times*; In Memoriam, xxiv. 499 (by Sir W. E. Davidson); 'The Author' (by D. W. Freshfield).)

Q. Alpine.

Francis Thomas Bircham

(April 1864, d.m. 1923)

Born 1841. Son of F. T. Bircham of Burhill, Walton-on-Thames (M.E.B.).

Married 1871 Edith, d. of William Parry Okeden, of Turnworth, Blandford, Dorset.

Educated Eton.

Lieutenant in the Royal Horse Artillery, 1861; retired, 1872.

A General Inspector under the Local Government Board for South Wales, 1872. J.P. for Monmouth, 1906. For some years Chairman of the Monmouthshire Reformatory.

Died 4 July 1923.

Q. Alpine.

1863. 1st ascent of N. (lower) summit of *Piz Roseg*, 31/viii (i. 255).

T. Alston Bishop

(Feb. 1871, d.m. 1880)

Of New York. I have failed to obtain any other information about him.

Died 1880. (C.A.F. Ann., 1880, p. 622.)

Q. Alpine. He and his wife were both members of C.A.F., Paris section (1876).

1867. *Breithorn* and *Kl. Matterhorn*, 27/viii; *Monte Rosa*,

attempt, 31/viii ; ascent, 3/ix. *Mont Blanc*, 7/ix or 11/ix (C.A.I. Boll. xiii. 583).

1873. *Matterhorn*, 22/vii ; *Jungfrau* (xxxii. 101).

1874. *Rothhorn* from Zermatt, returning by *Moming* pass, *c.* 25/viii (xxxii. 101).

1877. *Breithorn* from the north, 20/ix (A. Pollinger).

Ambrose Philip Boyson

(Dec. 1873, d.m. 1921)

Born 1839 or 40. Son of Ambrose Boyson of Elm House, Clapham Common.

Married 1864 Matilda Eliza, d. of William Spriggs of Kennington, Surrey. Father-in-law of A. C. Slee.

Timber merchant, London.

Died 1921, aged 81.

Q. Alpine.

1869. *Mont Blanc*, 27/viii.

1872. *Strahlhorn*, new route by S. face, 2/ix ; variation on E. side of *Laquinjoch*, 6/ix (vi. 296 ; vii. 125, 129).

Rev. John Trant Bramston

(Dec. 1872)

Born 3 Feb. 1843. Son of Rev. John Bramston, Dean of Winchester, and Clarissa, d. of Sir Nicholas Trant.

Married 1875 Jane, d. of Venerable William Brice Ady, Archdeacon of Colchester.

Educated Winchester and New College, Oxford ; 1st Class in Classical Mods., 1863 ; 1st Class in Literae Humaniores, 1865.

H.O., 1866. Assistant Master at Wellington College, 1866–8 ; at Winchester, 1868–1908 ; Chaplain, 1877 ; Prebendary of Chichester Cathedral. Select Preacher, Oxford University, 1891–2. Author of 'Sermons to Boys' ; 'Fratribus', a 2nd series of Sermons.

Q. Alpine.

1871. *Schwarzberg Weissthor, Triftjoch, Col Durand, M. Rosa*, with F. Morshead and C. H. Hawkins (xxx. 176).

1873. Either he or C. H. Hawkins ascended the *Balmhorn* with F. Morshead and H. Schutz Wilson (q.v.), 6/viii (Sch. Wilson, 115–30); *Matterhorn* with Hawkins and Morshead, 16/viii.

James Brebner

(Dec. 1875, resigned 1884)

Born 1839, Fordoun, Kincardineshire. Son of James Brebner, farmer, of Fordoun.

Educated Aberdeen Central School; Free Church Training College, Edinburgh, 1857–8; Aberdeen University, 1859–61 (Prizes in Latin, Greek, and Natural History; during this time was also engaged in teaching at the Silver Street Academy); Edinburgh University, 1862–3 (Prizes in Latin, Greek, Mathematics, Natural Philosophy, and Rhetoric; M.A., 1864).

Passed the examinations of the Science and Art Department in Botany and Inorganic Chemistry with 1st Class Honours, 1883–4.

Assistant Master at the Proprietary School, Dundee, 1864–6; when the School was discontinued in 1866 he started, with a colleague, the Dundee Institution; was there till 1885; Head Master, 1880–5. Rector of the Harris Academy, Dundee, from its foundation in 1885 to 1909.

Did educational pioneer work by introducing Nature Study and Physical Drill into the curriculum.

Fellow of the Botanical Society, Edinburgh. F.L.S.

Joint editor of the 'Vulgate Psalter' (1913). Author of 'Lessons in Elementary Botany' (1872); the 'Flora of Forfarshire' (British Assoc. Handbook, 1912).

Q. Alpine.

1873. *Weisstor*, 2/vii; *Monte Rosa*, 3/vii.

1874. With M. Cannon, *Aletschhorn*, 4/vii; *Dom*, 11/vii; *Matterhorn*, 14/vii.

1875. With Cannon, *Rimpfischhorn*, 6/vii; *Rothhorn*, 8/vii (xxxii. 102); *Bruneggjoch* (W. E. Davidson and M. Hall also took part in this expedition), 11/vii; *Augstbord* pass and *Schwarzhorn*, 12/vii; attempt on *Weisshorn* by Schallenberg ridge, 14/vii (Davidson joined in these two expeditions); *High Level Route* to Chamonix; *Mont Blanc* by the Mont Blanc

glacier, 21/vii. (Note by him on Aiguille Grise hut, vii. 401; C.A.I. Boll. xiii. 578, 579.)

1878. With Cannon, *Dent du Midi*, 6/vii; *Wetterhorn*, 17/vii; *Mönchjoch*, 19/vii; *Moming* pass, 22/vii.

Wrote mountaineering articles in the *Dundee Advertiser* on Monte Rosa, the Matterhorn, Rothhorn, Wetterhorn, Lötschenthal, and Mont Blanc, and, in 1893, some reminiscences of J. Tyndall at the Bel Alp in 1874.

While Head Master of the Dundee Institution he used to take some of the senior boys who were leaving the school for a week's walking and scrambling in the Highlands; some of them carried on the practice later and thus was formed the Dundee Institution Club, the earliest of its kind in Scotland. In April 1886 he presided at a meeting at which it was decided to form the Dundee Rambling Club, which maintained an active existence to the end of 1913, and was revived in 1919 (cf. xxiii. 636; xxiv. 544, 559).

Francis Dickin Brocklehurst

(June 1868, d.m. 1905)

Born 17 Nov. 1837. Son of Thomas Brocklehurst and Mary Martha, d. of Thomas Unett. Uncle of Mrs. C. Pilkington.

Educated University College School.

Partner in the Brocklehurst Banking Co., which amalgamated, 1891, with the Macclesfield branch of the Manchester and Liverpool District Bank.

Resided at Hare Hall, Macclesfield. J.P. for Cheshire; High Sheriff, 1886.

Presented the Victoria Park to the town of Macclesfield, 1894. Took a prominent and munificent part in the restoration of the Parish Church. Was one of the oldest Governors and Honorary Treasurer of the Macclesfield Infirmary.

Died unmarried 4 Oct. 1905. (In Memoriam, xxiii. 54, by C. Pilkington.)

Q. A passage of the Rocky Mountains in Arizona; and a visit to Kashmir in 1861, in the course of which he crossed the Pir Panjal range; went to Leh by the (now) usual route over the *Zoji La* (11,300 ft.) and *Foti La* (13,400 ft., his *Photola* pass); crossed the Kailas range, probably by the *Chang La* (17,600 ft.)

to Tankse and the Pangkong Lake ; returned due south to the Indus, crossing a pass which he estimates at 16–17,000 ft. and down the Indus to Leh. He varied the journey back from Leh by ascending the Suru valley, and crossing the *Bhot Kol* pass in the Nun Kun range (*c.* 13,000 ft.) to the Wardwan valley, 15/viii. He described this latter portion of the trip in a paper on ' The Sooroo Route from Leh to Cashmere ', and gave an account of ' the national game of Chaughan or hockey on horseback ' which he saw played in the Suru valley (iv. 193 ; cf. iii. 149).

He subsequently made repeated visits to the Alps and climbed the *Matterhorn* at the age of 65.

Frederic Augustus Yeats Browne

(June 1866, d.m. 1925)

Born 28 Sept. 1837. Son of Timothy Yeats Browne of Streppington, Kent, and British Consul at Genoa, 1840–57, and Stewarta, d. of David Montagu, 2nd Lord Erskine.

Married 1882 Ida, d. of Wilhelm Engelbrecht von Pustau of Bremen.

Educated Marlborough.

Clerk in the Bank of England, 1856–7. Partner in the banking house of Granet Browne & Co., Genoa.

Author of ' Family Notes ' (privately printed, 1917).

Died 2 Oct. 1925.

Q. Alpine.

Member of C.A.I., section Firenze, 1870 ; afterwards joined Genoa (Liguria) section.

1864. With F. F. Tuckett (vol. i), *Zocca* pass, 9/viii ; attempt on *Mte. della Disgrazia*, 10/viii ; 2nd ascent (by a new route viâ the *Passo del Monte Sissone*), and traverse, of *Monte Sissone*, 11/viii, the 1st ascent having been made the previous day (i. 382 ; Studer, iii. 218 ; Bernina C.G., pt. i, 173, 176 ; Freshfield, ' Ital. Alps ', 62–3 ; Tuckett, 186–9, 193–9) ; *Piz Sella*, 16/viii (Freshfield, ' Thonon to Trent ', 73).

1865. *Mont Blanc*, 7/viii (T. S. Kennedy, C. Hudson, and Douglas Hadow ascended the same day, iii. 75–6) ; with J. Robertson and Knyvett Wilson (killed 18/vii, on the Riffelhorn, see ii. 153), *Col d'Argentière* (B. went on the same day to Bourg St. Pierre, by *Col des Planards* (?), 10/vii ; High Level

Route (no doubt *Col de Sonadon, Cols de Chermontane* and *d'Oren*, and *Col de Valpelline*), 12–15/vii, encountering the first party of guides who went to search for the victims of the Matterhorn accident, 15/vii. Ascended the *Riffelhorn* alone, descending with Robertson (q.v.); suffered much from the thought that Wilson's fatal attempt at the same ascent later in the day was due to his example.

1866. With F. F. Tuckett, *Horntalerjoch*, 11/vi; 2nd modern ascent of the *Schrankogl* and 3rd passage of the *Schwarzenbergjoch*, 12/vi (E. ii. 433, 452; 'Eastern Alps', 182); *Niederjoch*, 14/vi; *Mendel* pass, 15/vi; 1st ascent and passage of *Punta Taviela* (the *Saline*) and *Col di Vioz* (*Passo di Vios*), 16/vi (E. ii. 164; 'Central Alps', 427); 1st ascent of *Monte Rosole* (*La Fornaccia*) reached viâ the *Passo Rosole* (*P. de Fornaccia*), 2nd ascent the SW. (highest) summit of *Monte Cevedale*, descent viâ the *Eis-See* pass (*Furkelejoch*), 18/vi (E. ii. 157. This expedition was followed by the 'Night Adventure in the Suldenthal' with an Austrian patrol, described by Tuckett, ii. 341); the 1st recorded ascent by travellers of *Pizzo Scalino*, 22/vi (Studer, iii. 199); and a new route up *Piz Bernina* viâ the *Fuorcla Crast Agüzza*, 23/vi (ii. 352–60; Tuckett, 252–7).

1868. *Grivola*, 13/vii; *Grandes Jorasses*, 2nd ascent of highest peak, 18/vii (C.A.I. Boll. iii. 406). Made a new route up *Mont Blanc* by the Dome glacier and Dome du Gouter, 25/vii. He wrote a paper on the expedition 'Mont Blanc from the Glacier de Miage', iv. 261; 'Annals', p. 212; Longman, p. 21.

Contributed an account of 'An Early Attempt to ascend the Jungfrau from the Roththal' made by his father, 21/viii/1828 (v. 374).

1870. *Tschingel* pass, 28/vii; *Strahlegg*, 1/viii; *Finsteraarhorn*, 4/viii (paper, C.A.I. Boll. v. 93–7).

In the 'Family Notes', pp. 269–96, he gives some reminiscences of early walks in the Apennines: his 1st Alpine walks, viz. *Monte Moro, Cima di Jazzi*, and descent to Macugnaga by the 'Old Weissthor' (*sic*); the season of 1865, and several of the other expeditions mentioned above (with some confusion of dates); and an ascent of *Monte Rosa* (1865 or earlier). He seems to have done little or no climbing after 1870.

The Right Rev. George Forrest Browne, D.D.

(Dec. 1864, resigned 1875, re-elected 1895, P. 1905–7)

Born 4 Dec. 1833, York. Son of George Browne, Proctor of the Ecclesiastical Court of York, and Annie, d. of Rev. R. Forrest, Precentor of York Minster.

Married 1865 Mary Louisa, d. of Sir John Stewart Richardson, Bart.

Educated St. Peter's School, York, and St. Catherine's College, Cambridge ; 30th Wrangler, 1856 ; 2nd Class in the Theological Tripos, 1857 ; 2nd Maitland Prizeman, 1861 ; B.D., 1879 ; D.D., 1896.

H.O., 1858. Mathematical Master at Trinity College, Glenalmond, 1857–62 (F. Morshead was his colleague there for two years ; see ' Recollections ', p. 93) ; Theological Tutor and Bell Lecturer in Ecclesiastical History in the Episcopal Church of Scotland, 1862.

Fellow and Lecturer at St. Catherine's College, Cambridge, 1863–5. Chaplain, 1866–83. Examiner in the Theological Tripos, 1866–7. Rector of Ashley with Silverley, near Newmarket, 1869–75. Secretary of the Cambridge Local Examinations, 1869–92, and of Local Lectures, 1877–92.

Proctor of the University, 1870–1, 1877–8, and 1880–1. A Member of the Council of the Senate, 1874–8 and 1880–92. Secretary of the University Commission, 1877–81. Member of the General Board of Studies, and editor of the (later Official) University Reporter, Statuta, from its foundation in 1870 to 1891.

Disney Professor of Archaeology, 1887–92. Honorary Fellow of St. Catherine's College, 1887.

Governor of Selwyn College. J.P. for the Borough of Cambridge ; formerly Alderman of the Cambridgeshire County Council.

Canon and Treasurer of St. Paul's Cathedral, 1891–7 ; Bishop of Stepney, 1895–7 ; Bishop of Bristol, 1897–1914.

Honorary D.C.L. Durham, 1891 ; Honorary LL.D. Bristol, 1912 ; Hon. D.D. Oxford, 1908.

First Chairman of the Church Historical Society. Vice-President of the Society of Antiquaries.

Author of ' University Sermons ', 1879, 80, 88 ; ' The Venerable Bede ' (1879) ; ' The Ilam Crosses ' (1889) ; ' Lessons from Early

English Church History' (1893); 'Christianity in these Islands before the Coming of Augustine' (1894); 'Augustine and his Companions' (1895); 'The Conversion of the Heptarchy' (1896); 'Theodore and Wolfrith' (1897); 'A History of St. Catherine's College'; 'The Life and Times of St. Aldhelm'; several publications of the Church Historical Society (1894–7); and 'The Recollections of a Bishop' (1915); 'The Ancient Cross Shafts of Bewcastle and Ruthwell' (1917); 'Venerable Bede, his Life and Writings' (1919); 'King Alfred's Book' (1920); 'Antiquities near Dunecht, Aberdeenshire' (1921); 'Dunecht and Birse, Titles and Notarial signs' (1923).

Q. Alpine and Literary.

Member of the S.A.C., section Bern.

Author of 'Ice Caves of France and Switzerland: a Narrative of Subterranean Exploration' (1865; reviewed, ii. 215; cf. Bonney's 'Alpine Regions', ch. iv), and various papers on Alpine subjects including one on 'The Ice Caves of Annecy' and accounts of a winter visit to the Ice Cave of St. Georges (Jan. 1866); and ascents of the *Oldenhorn* (1863); and *Mont Blanc*, 21/vii (1864), the latter made with H. B. Gaskell, on the day on which F. Morshead made his solitary ascent (cf. 'Recollections', 94–6). Some of these papers were collected and published in 1895, under the title of 'Off the Mill'.

1864. *Diablerets*, 6/viii (S.A.C.J. ii. 494); *Mont Blanc*, 21/vii (see above and 'Recollections', 92–5).

Some time in the sixties visited Glen Affric in order to investigate a statement in the old Statistical Account of Scotland that 30 miles SW. of Beauly there was a lake on which the ice never thawed in the hottest summer; found a lake in a crater near the top of Mam Soul which seemed to fulfil these conditions ('Recollections', 71–3).

In June 1907 he read a paper before the Club on 'Ice Caves'.

Presidential Address, xxiv. 1–15 and 31. Presided at the Jubilee Dinner, 17/xii/1907. (See xxiv. 39–45, 63.)

A letter from him to Captain Farrar, dated 6 Oct. 1923, is reproduced in facsimile, xxxv. 131–5.

Thomas Lloyd Murray Browne

(Dec. 1865, d.m. 1900)

Born 1838. Son of Rev. Thomas Murray Browne, Vicar of Standish, Gloucestershire. Brother of W. R. Browne (q.v.).

Married 1866 Isabella Julia, d. of Captain Frederick Franks, R.N.

Educated University College, Oxford ; 2nd Class in Classical Mods., 1858 ; 2nd Class in Literae Humaniores, 1859 ; 1st Class in Law and History, 1860.

Barrister (Inner Temple), 1862.

Inspector under the Local Government Board.

Died 14 March 1900, at Leamington.

Q. Alpine.

1868. Made 1st ascents of the *Dreieckhorn*, 26/viii, and the *Ebnefluh*, 27/viii (iv. 155–6).

1869. First drew the attention of climbers to Deep Ghyll and the Sca Fell Pinnacle, by a note in the Wastdale Head Visitors' Book (xiii. 178 ; Haskett Smith, p. 30).

1870. Norway. With W. R. Browne made the 3rd and 1st English ascent of *Glittertind*, 27/viii, and the 1st ascent of *Uledalstind*, 30/viii, the latter without guides or other companions. He wrote a paper on these expeditions (v. 154 ; see also p. 396).

1872. Made the 1st attempt on *Lliwedd* (Snowdon) with W. R. Browne, –/viii (Haskett Smith, ii. 76, 82).

1880. Note on a new way of reaching the *Adler* pass, x. 97.

Walter Raleigh Browne

(May 1873, d.m. 1884)

Born 2 June 1841, Standish, Gloucestershire. Brother of T. L. M. Browne (q.v.).

Married 1878 Effie Laura, d. of Ardy Manby, of Wassall Wood, Worcestershire.

Educated at home and at Trinity College, Cambridge (Foundation Scholar, 1863) ; Honourably mentioned for the Carus Greek Testament Prize, 1863 ; 11th Classic and 19th Wrangler, 1865 ; Fellow of Trinity College, 1867.

Served his apprenticeship as an Engineer first with Messrs.

Losh Wilson & Bell of the Walker Engine Works on the Tyne; then with Mr. Howard, resident Engineer of the Bristol Dock and Harbour Works. A.M.I.C.E., 1868; M.I.M.E., 1869; M.I.C.E., 1879. Took an active part in important works connected with the Bristol Docks, and as a result of his experience read a paper 'On the Strength of Lock Gates' before the Institution of Civil Engineers in 1871 (Proc. xxxi. 317), for which he was awarded a Telford premium.

After completing his apprenticeship was for a short time junior managing partner of the Cookley Iron Works near Kidderminster, but soon retired, and returned early in 1872 to Bristol, as confidential assistant and adviser during the temporary ill health and absence of Mr. Howard. Read a paper before the Institute of Mechanical Engineers 'On the Strength and Properties of Riveted Joints' (Proc., 1873, p. 53), which has been recognized as an authority on the subject.

Was Managing Director of the Bridgwater Engineering Co., 1874–8. Gave special attention to the construction of railway sleepers and read a paper (1876) before the Inst. of Civil Engineers (Proc. xlvi. 81; lxvi. 1) on 'Railway Rolling Stock', which received a Telford medal and premium.

Depression of trade caused the Bridgwater Works to be closed, and he then became for six years (1878–83) secretary to the Inst. of Mechanical Engineers. Contributed a paper to the Inst. of Civil Engineers in 1881 on 'The Relative Value of Tidal and Upland Waters in maintaining Estuaries', which contained the results of some experiments made for him in the River Avon by Professor H. S. Hele Shaw.

Resigned his secretaryship in January 1884 and started with every prospect of success as a Consulting Engineer. In the spring he read a paper before the Iron and Steel Institute, by special request of the President, on 'Iron Sleepers'. During the last six months of his life he was employed by the Mersey Docks and Harbour Board in connexion with the proposed Manchester Ship Canal with special reference to the subject of Harbour—and Tidal—versus Upland-waters (see above). An exhaustive series of articles on this question was to have appeared in the *Engineer*, but a fragment produced on his way to Canada was all that he had put on paper at the time of his death.

He was a member of the Société des Ingénieurs Civils, Paris; F.R.G.S. (1874); Fellow of the Geological Society; the Physical

Society (before which he read papers on 'Action at a Distance', 'The Reality of Force', &c., published in the *Philosophical Magazine*); the Philological Society (of which he was a member of Council and to which he contributed papers on 'Scotch and English Place Names' and 'The Origin of Technical Terms'; he was also a contributor to the Society's New English Dictionary); one of the founders of the Society for Psychical Research; and a member of the Aristotelian Society (he left in manuscript an 'Essay on Evidence' connected with the metaphysical questions there discussed, which he considered the work of his life).

He was also actively interested throughout his life in various social, philanthropic, and religious questions. Started a branch at Bristol of the Discharged Prisoners' Aid Society, and was a member of the Central Committee of the Society in London. Was an original member of the Church of England Purity Society. Lectured frequently for the Christian Evidence Society, and held at their request a public debate with Charles Bradlaugh at the Mechanics' Institute, Leeds, on the question 'Can Miracles be proved possible?' (1876); read a paper which attracted much attention on 'The Limits of Authority and Free Thought' at the Church Congress at Derby, 1882. Held strong views on Emigration and the fostering of good relations with the Colonies, which he expressed in a paper read before the Society of Arts on 'The Causes and Remedies of Bad Trade', 1882.

Author of 'Facts and Fallacies of Pauper Education' (1878), 'The Inspiration of the New Testament' (1880), 'The Foundation of Mechanics' (1882), 'The Student's Mechanics' (1884); many articles in the *Athenaeum*, *Nature*, *Church Quarterly Review*, *The Builder*, *The Electrician*, &c.; and of translations of Clausius's 'Mechanical Theory of Heat' and (with modifications and additions) of Schwackhofer's 'Fuel and Water'. He went to Canada in August 1884 to attend the meeting of the British Association and

Died suddenly at Montreal 4 Sept. 1884.

Q. Alpine and Norwegian.

1870 and 1872. See T. L. M. Browne.

He read a paper before the Royal Society 'On the causes of Glacier Motion' (1882, printed in the 'Proceedings' of the Society, see xii. 235), and other papers before the Physical

Society and the French Académie des Sciences on the same subject, in defence of the theory of his friend Canon Moseley. One with the same title in 'Nature', 5/vii/1883, is crushingly reviewed by Dr. Carl Diener, O.A.Z. v. 302.

Oscar Browning

(Dec. 1864, d.m. 1923)

Born 17 Jan. 1837, London. Son of William Shipton Browning, distiller, and Mariana Margaret Bridge, d. of a Captain in the Government Packet Service.

Educated Eton and King's College, Cambridge (Scholar); 4th Classic, 1860. President of the Union, 1859. Fellow of King's College, 1859.

Became an Assistant Master at Eton, 1860, and from the first took a decided and original educational line. But his methods met with considerable opposition and the head master, Dr. Hornby (q.v.), began to think that Browning's influence was subversive of normal discipline. A dispute arising out of a technical breach of regulations, Browning having taken a pupil or two more than he was entitled to, ended in his dismissal in 1875. The matter excited considerable public interest. Ruskin (q.v.) was among B.'s supporters (see Ruskin, xxxvii. 189).

Browning returned to Cambridge 1876, and remained there engaged in College and University work till 1909; became Assistant History Tutor, and in 1892 succeeded G. W. Prothero (q.v.) as History Tutor, at King's College. Examiner in the Historical Tripos in 1879–80, 1882, and 1903–4. University Lecturer in History, 1884–1909. Pro-proctor, 1880; Senior Proctor, 1881.

Treasurer of the Union, 1882–1903. President for ten years of the Footlights Dramatic Club, and at various times Treasurer or President of the Cambridge University Liberal Club, the Swimming Club, the Hockey Club, and other undergraduate Societies.

Was Secretary of the Teachers' Training Syndicate, 1878–1909; with Professor Sidgwick and Dr. Ward helped to establish the Cambridge University Day Training College and was its (first) Principal, 1891–1909.

British Representative, and President of the Third Section of the International Educational Congress at Brussels, 1880.

President of the Education section of the (last) Social Science Congress at Birmingham, 1884.

Examiner to the University of London in Constitutional Law and History, 1882–7.

One of the founders of the Eighty Club, 1879–80; took an active part in preserving its adherence to Gladstonian Liberalism, 1886. Liberal candidate for Norwood, 1886; for East Worcestershire, 1892; for the West Derby Division of Liverpool, 1895.

In 1909 he left Cambridge and settled at Bexhill, where he was converted to Christian Science. About 1915 he went to Rome, where he spent the rest of his life.

Officier d'Académie, 1889; Officier de l'Instruction Publique, 1898; Fellow of the Arcadia Academy, Rome, 1918; Trustee and Chairman of the British Academy in Rome; O.B.E., 1923.

Author of 'Modern England', 1879; 'Modern France', 1880; 'History of Educational Theories', 1881; Milton's 'Tractate on Education', 1883; 'Political Memoranda of the Duke of Leeds', 1884; 'Earl Gower's Despatches from Paris', 1885; 'True Stories from English History', 1886; 'England and Napoleon in 1803', 1887; 'Aspects of Education', 1888; 'History of England', 4 vols., 1890; 'Life of George Eliot', 1890; 'Life of Bartolommeo Colleoni', 1891; 'The Citizen: his Rights and Responsibilities', 1893; 'Guelphs and Ghibellines', 1894; 'The Age of the Condottieri', 1895; 'The Journal of the Admiral Sir George Rooke', 1897; 'Life of Peter the Great', 1898; 'Charles XII of Sweden', 1898; 'Wars of the Nineteenth Century', 1899; 'History of Europe, 1814–43', 1901; 'Impressions of Indian Travel', 1903; 'Napoleon, the First Phase', 1905; 'The Fall of Napoleon', 1907; 'Despatches from Paris, 1784–91', 1911; 'History of the Modern World, 1815–1910', 2 vols., 1912; 'A General History of the World', 1913; 'History of Mediaeval Italy, 568–1530', 1914; 'General History of Italy', 1915. Articles on Education, Dante and Goethe in the 9th edition of the 'Encyclopaedia Britannica', the two latter republished in 1891; many contributions to the *Edinburgh Quarterly*, *Fortnightly*, and other Reviews, some of which have been republished in a volume entitled 'The Flight to Varennes, and other Historical Essays', 1892.

In 1910 he published an autobiography, 'Memories of Sixty Years', followed by 'Later Memories', 1922.

Died Oct. 1923. ('Who's Who', &c.; *The Times* (8 Oct.) gives a vivid sketch of his 'extraordinary personality'; and A. C. Benson another portrait of him in 'Memories and Friends', 1924.)

Q. Alpine. Original Member of the Climbers' Club. Member of S.A.C., section Uto, 1873.

1856. First visited the Alps and made a tour through the Italian valleys of Monte Rosa ('Memories', pp. 46–7).

1863. *Col du Géant* (ibid., p. 96); *Diavolezza* pass (ibid., p. 96); with T. Blanford, discovered on the Glacier des Bossons some relics of members of Dr. Hamel's party who were lost on Mont Blanc on 20 Aug. 1820, and presented them to the Club (i. 332; 'Memories', p. 93).

1882. Made a tricycle tour from Cambridge to Venice; entered Switzerland by the Lake of Constance; crossed the Arlberg and Brenner passes, and reached Venice viâ the Pusterthal, Villach, Tarvis (whence Veldes and the Predil pass were visited), and Udine ('Memories', 299–305).

Charles Musgrave Bull

(Dec. 1864, resigned 1866)

Born 11 Nov. 1828, Sowerby, Yorks. Son of Rev. William Howse Bull, perpetual Curate of Sowerby. Brother of W. J. Bull (vol. i).

Married 1866 Emma, d. of Rev. C. Bradley, Vicar of Glasbury.

Educated Rugby and University College, Oxford (Scholar); 2nd Class in Literae Humaniores, 1851.

Fellow of University College, 1853–66.

Assistant Master at Marlborough College, 1854–93; Member of the College Council, 1895.

Died 3 May 1906.

Q. Alpine.

1864. *Lötschen* pass; *Mettelhorn*; *Adler* pass and *Alphubeljoch* with W. J. Bull; *Aletschhorn*; *Monte Rosa* (Fr. Ogi).

Rev. Thomas Williamson Bull

(Dec. 1875, d.m. 1923)

Born 1837 or 38.

Married 1877 Julia Cary, d. of John Hill, of Paulton House.

Theological Associate of King's College, London (1st Class), 1861.

H.O., 1861. Curate of Kingston, Isle of Wight, 1861–6; of Headley, Hants, 1867–71; of Houghton, Hants, 1871–3. Vicar of Peterchurch, Hereford, 1874–5; of Paulton, Somerset, 1875–1907. Rural Dean of Midsomer Norton, 1885–6.

Died 17 Sept. 1923, in his 86th year.

Q. Alpine.

1876. Made the 1st English ascent of the *Mährenhorn* (*Kilchlistock*), 7/ix (viii. 160; Bernese C.G., vol. iv, pt. i, pp. 29–33).

Henry Edward Burgess

(Dec. 1876, d.m. 1901)

Born 1848 or 49. Son of George Burgess, of London.

Married 1887 Eliza Victoria, d. of Richard Hall Appleyard.

Educated Radley (Football XV; rowed in the VIII, 1866–7–8) and Brasenose College, Oxford; B.A., 1871. Rowed in Trial Eights, 1868–70; Captain of the College Boat Club, 1870–1; rowed for Oxford Radleians at Henley, 1869 (when they won the Presentation Cup), and 1870.

Solicitor (1875), London.

Died 12 July 1901, aged 52.

Q. Alpine.

1877. *Mont Blanc* by T. S. Kennedy's route, with M. de Déchy (q.v.), 30/vii (S.A.C.J. xiii. 205).

Alfred Henry Burton

(Dec. 1874, resigned 1916)

Born 6 Sept. 1845, St. Leonards. Son of Alfred Burton of St. Leonards, Sussex, and Anna Delicia, d. of Henry Cadwallader Adams of Ansty Hall.

Married 1877 Ellen Amelia, d. of George Collingwood Dickson, Captain 3rd Madras L.I.

Educated Harrow and Trinity College, Cambridge; B.A., 1867.

Clerk in the Office of the Charity Commissioners, 1867.

Barrister (Inner Temple), 1874. Succeeded his father at St. Leonards, 1877. J.P. and D.L. Sussex.

Died 3 Feb. 1917.

Q. Alpine.

1869. *Strahlegg* with G. Bennett, 24/ix (Almer, 156).

1874. *Matterhorn* with Chr. James, 8/ix.

Sir Richard Francis Burton

(Elected 30 Jan. 1872, but never completed his membership)

Born 19 March 1831, Elstree, Herts. Son of Colonel Joseph Netterville Burton and Martha Beckwith, d. of Richard Baker, of Barham House, Herts.

Married 1861 Isabel, d. of Henry Raymond Arundell.

Educated Trinity College, Oxford.

Ensign in 18th Regt. of Bombay Native Infantry, 1842; he remained in it, rising to the rank of Captain, till he accepted an appointment in 1861 as British Consul at Fernando Po. He was subsequently Consul at Santos in Brazil (1865–9), Damascus (1869–71), and Trieste (1872). This is not the place for any account of his remarkable career as a traveller and explorer.

Died 1890. (D.N.B., &c.)

Q. General Travels: Mountain ranges in all parts of the world.

1861. Made the 1st ascent of the *Cameroon Peak* (13,129 ft.), 27/xii. He described this, his principal mountaineering feat, in the second volume of 'Abeokuta and the Cameroons Mountains' (2 vols. 1863).

1862. Made the 4th ascent of *Fernando Po Peak*, 11/iii. He wrote a paper on the expedition, vi. 1–19.

'Unexplored Syria' (1872), by Burton and C. V. Tyrwhitt Drake, is reviewed, with special reference to the portion dealing with physical geography and mountain exploration, vi. 205–7.

Henry Edmund Buxton

(Dec. 1864, d.m. 1905)

Born 28 Jan. 1844, Cromer. Brother of E. N., S. G., and Sir T. F. Buxton.

Married 1867 Mary Rosalind, d. of Rev. Abbot Upcher, of Kirby Cane, Norfolk.

Educated Repton and Trinity College, Cambridge; Senior Optime, 1866.

A Director of Barclay's Bank, Great Yarmouth.

J.P. for Norfolk and Suffolk. High Sheriff of Suffolk, 1902. Mayor of Yarmouth, 1897. Vice-Chairman of the Suffolk County Council from its first coming into existence.

Lieut.-Colonel of the 2nd Volunteer Battalion of the Norfolk Regiment, 1876–92; Honorary Colonel, 1892. Held the Volunteer Commanding Officers' Decoration for 20 years' service.

F.R.G.S., 1869.

Died 2 Nov. 1905. (*The Times.*)

Q. Alpine.

1864. *Sella* pass and *Passo Marinelli* with F. F. Tuckett and E. N. Buxton, 27/vii; 1st recorded travellers' ascent of *Monte Confinale* with Tuckett, 30/vii (E. ii. 174); with Tuckett and E. N. Buxton 1st ascent of the *Cristallospitze* and 1st passage of the (*Ortler*) *Madatschjoch*, 1/viii (E. ii. 145); 1st ascent and passage of the *Königsspitze* and *Königsjoch* (*Zebru* pass), 3/viii (E. ii. 109–10); and 5th and 1st English ascent of the *Ortlerspitze* (the 1st since 1834) by a new route, viâ the Hohe Eis rinne, from Trafoi, 5/viii (i. 382, 387–415; E. ii. 78; Tuckett, 178, 180–5). With Mr. and Mrs. E. N. Buxton, and Miss Digby, 1st recorded passage from the Monte Moro pass to the *Schwarzberg Weissthor*, 12/viii (i. 432).

1865. See D. W. Freshfield, 6/vii–12/vii.

Major-General William Maxwell Campbell

(Feb. 1871, resigned 1897)

Born 18 July 1839. Son of James Campbell of Edinburgh.

Married 1890 Amabel, d. of Rev. Nevill Gream, widow of Ernest O. Copland and of Charles Sumner Maine.

Educated Cheltenham and Addiscombe Military College.

Entered the Army (Bombay Engineers), 1858. Captain Royal Engineers, 1869 ; Major, 1877. Served in the Afghan War, 1879 (Brevet Lieut.-Colonel ; Medal). Colonel, 1883. Retired, with the rank of Major-General, 1884.

Of Henmead Hall, Cuckfield, Sussex, from about 1892. For a time represented the Cuckfield Division in the E. Sussex County Council.

Died at Henmead Hall 26 April 1912.

Q. Alpine and Himalayan.

Anne Casimir Pyramus de Candolle

(July 1864, d.m. 1918)

Born 20 Feb. 1836, Geneva. Son of Alphonse Louis Pierre Pyramus, grandson of Augustin Pyramus de Candolle.

Married 1863 Anna Mathilde, sister of W. Marcet (q.v.).

Like his father and grandfather, a distinguished botanist. President of the Société de Physique et d'Histoire naturelle de Genève, 1882. Foreign Member of the Linnaean Society. Honorary Doctor of the Universities of Geneva, Rostock, and Aberdeen. Contributed several papers on the anatomy of plants and descriptive botany to his father's 'Prodromus systematis naturalis regni vegetalis' (22 vols. 1858–83), and himself published 'La Production du liège' (1860) ; 'Anatomie Comparée des feuilles des dicotylédones' (1879) ; 'Nouvelles récherches sur les pipéracées' (1882).

Read a paper before the British Association on 'Latent Life in Seeds', 1896.

Died at his residence near Geneva 3 Oct. 1918. (In Memoriam, xxxii. 125, 364).

Q. Alpine botanist.

1847. 1st visit to Chamonix.

1867. *Mont Blanc.* Ascended *Monte Rosa* twice, and *Piz Bernina*, in the late sixties (see xxxii. 125).

1876. *Col du Géant* with his son (? N.A.P. iv. 396).

Montague Cannon

(Dec. 1875, d.m. 1889)

Born 17 Sept. 1842. Son of William Cannon, artist.

Educated Wakefield Grammar School.

Confidential clerk in the firm of Thomson, Shepherd & Co., jute spinners and carpet manufacturers, Dundee, 1861–89.

Died in California 26 March 1889.

Q. Alpine.

1874, 1875. See J. Brebner.

1876. *Tschingel* pass, 2/viii; *Eiger*, 4/viii; *Lauberhorn*, 5/viii; *Jungfrau* traversed from Wengern Alp, 7/viii; *Finsteraarhorn*, 10/viii, all with W. E. Davidson; *Weisshorn*, 14/viii; *Dent Blanche* with Davidson, C. E. Mathews, and F. Morshead, 18/viii; the same party ascended *Tiefenmattenjoch* for Dent d'Hérens, but, owing to doubtful weather, descended to Glacier de Zadezan and returned by *Col de Valpelline*, 19/viii; *Riffelhorn* from Gorner glacier with Davidson and G. W. Prothero, 21/viii; *Triftjoch*, 22/viii.

1877. *Monte Rosa*; *Felikjoch*; *Grand Paradis*; *Grivola*; *Grandes Jorasses*; *Aiguille de Triolet* traversed from Courmayeur to Chamonix (1st ascent from the S.), 18/ix (Kurz, p. 54; R.M., 1899, p. 171).

1878. See J. Brebner.

1879. *Bietschhorn*; *Lysjoch*; *Schwarztor* and *Castor*; *Gabelhorn*; *Monte Rosa* from Lysjoch; *Dent d'Hérens*; *Col de Zinal*; *Rothhorn* traversed, &c. (xxxii. 103; P. Knubel).

1883. *Ried* pass; *Weissmies*; *Fletschhorn* traversed; *Nadelhorn*; *Adler* pass; *Matterhorn* traversed (xxxii. 104; P. Knubel).

James Alston Carfrae

(3 March 1874)

Born 3 Nov. 1845. Son of Thomas Carfrae, of London, and Margaret Waltera, d. of Edward Smith of Woodford, Essex.

Educated at Mr. George Murray's school at Wimbledon, then with private tutors, with a view to entering the army. This idea was, however, abandoned, and he became an articled pupil of Sir Joseph William Bazalgette, C.B. (D.N.B.), and was engaged

under him in the construction of the metropolitan drainage system and of the Thames embankment.

A.M.I.C.E.

Q. Alpine.

1877. *Matterhorn*, 3/ix (see J. H. Wainwright; this ascent led to a letter from him printed, in German, O.A.Z. i. 304–5, bearing on the controversy arising out of the death of Jos. Brantschen on the Matterhorn in 1879).

Went with three guides to ascertain the fate of W. A. Lewis's (q.v.) party on the Lyskamm, 7/ix. See letter by him, W. E. Davidson (q.v.), and others, viii. 346–7.

Thomas Henry Carson

(Dec. 1867, C. 1890–3, d.m. 1917)

Born 24 Nov. 1843. Son of Rev. Joseph Carson, D.D., Vice-Provost of Trinity College, Dublin (who crossed the *Theodule* 1845, *New Weissthor* 1850, see xxxii. 45–54), and Harriet, d. of William Pitt Blunden of Wellington, Kilkenny.

Married 1st, 1876, Mary Sophia, sister of C. C. Tucker (q.v.); 2nd, 1887, Mary Louise Emma, d. of Albert Bernouilli Barlow.

Educated Marlborough (Rifle Corps, 1862), and Trinity College, Dublin (Scholar, 1863); Wray Prize for Metaphysics, 1865; B.A. (1st Gold Medallist in Classics and 1st Gold Medallist in Ethics and Logic) and University Student, 1866.

Barrister (Lincoln's Inn), 1869; K.C., 1901; Bencher of Lincoln's Inn, 1907.

Author of Lectures on Prescription and Custom; Joint editor of Shelford's Real Property Statutes (several editions); Tudor's Leading Cases on Real Property and Conveyancing, and the Equity Articles in Lord Halsbury's 'Laws of England'; Editor of Gale on Easements, 9th edition.

Member of Council of Marlborough; took an active interest in the School Mission at Tottenham.

Died 30 June 1917. ('Who's Who'; In Memoriam, by C. C. Tucker, with Portrait, xxxi. 341.)

Q. Alpine.

1863. With C. C. Tucker, *Torrenthorn*; *Jardin*; *Brevent*; *Grands Mulets*; tour of *Mont Blanc*; *Cramont*, &c.

1864. With Tucker, *Strahlegg* (Kasper Blatter); *Theodule*, *c.* 4/vi; *Col de Valpelline*; *Monte Rosa*, 8/vii (Old Visitors' book); *New Weissthor*, 10 or 11/vii (xxxi. 235, 342).

1865. With Tucker, *Dent de Morcles*; *Zocca* pass, without guides (vi. 445; xxxi. 343; Freshfield, 'Ital. Alps', 47); 1st passage of the *Fuorcla Cambrena* (*Cambrena Sattel*) and 2nd passage of the *Passo di Gambre*, 7/viii (ii. 212; Bernina C.G., pt. ii. 151, 154); *Sella* pass (xxxi. 342).

1867 and 69. See D. W. Freshfield.

1870. With C. C. Tucker, *Monte Cristallo*, and 6th ascent of *Monte Antelao*, 3/viii (E. iii. 472). (Tour interrupted by the war.)

1872. See C. C. Tucker.

1874. For the early part of the season, up to 26/viii, see D. W. Freshfield. Made the 1st recorded ascent of the *Coronellespitze* (*Sasso dei Mugoni*), 30/viii (vii. 360; xii. 185; E. iii. 390), and with Tucker the 1st ascent of the *Rosengartenspitze* (*Federerkogel*, see xii. 184–5), 31/viii (vii. 109, 357; E. iii. 382. See also xxxi. 207).

1883. With H. A. Beachcroft, *Monte Viso*, *Ciamarella* (xxxi. 207).

Other seasons are referred to in his 'Reminiscences of Fr. Devouassoud', xxxi. 207–8.

Albert Harold Cawood

(Dec. 1874, d.m. 1913)

Born 1835, Yorkshire.

Spent some years in India in the I.C.S., but was obliged to resign owing to recurring attacks of fever. After his return started 1863 to accompany Herman Bicknell (see D.N.B.), brother of A. S. Bicknell, on his journey to Mecca, disguised as a pilgrim. Cawood, however, was laid up by fever in the Red Sea, and Bicknell completed the journey alone. Cawood afterwards visited Syria and Mount Lebanon. Lived in Switzerland for five or six years, and then in Paris. Was attached to the suite of Maharajah Duleep Singh when the Prince settled in Norfolk.

Assistant Master at Rossall, 1872–80; French and German Master at Boston Grammar School, Lincolnshire, 1880–1905. Continued to live at Boston till his death.

Died 7 April 1913, aged 78. (*The Times*; *Lincolnshire Standard*, 19 April; In Memoriam, by J. B. Colgrove, xxix. 339, with Portrait.)

Q. Alpine. Member of S.A.C., section St. Gallen, 1866–70; present at fête of S.A.C. at St. Gallen, 2/ix/1866.

1867. *Piz Linard*; 2nd ascent of the *Verstanklahorn*, 12/ix (E. ii. 8; Studer, iii. 412; ibid., 1st ed., 125; 'Alpina', 1909, p. 25; A.P. ii. 49).

1874 and 1876. See J. B. Colgrove and A. Cust.

1878. See Colgrove.

Charles Hope Cay

(Dec. 1864, d.m. 1869)

Born 26 April 1841, Edinburgh. Son of Robert Dundas Cay, of Edinburgh, and Isabella, d. of William Dyce of Cuttlehill, Aberdeenshire.

Married 1867 Margaret Elsie, d. of Alexander Pirie, of Aberdeen. His daughter married A. D. Godley in 1894.

Educated Edinburgh Academy and Caius College, Cambridge (Scholar). 6th Wrangler (bracketed with F. A. Lewin, q.v.), 1864. Fellow of Caius College, 1864–9.

Assistant Master at Clifton, 1864–9. The Cay Mathematical Scholarship was founded in his memory, 1874.

Died at Mentone 22 Dec. 1869.

Q. Alpine.

1864. *Finsteraarhorn*, 8/viii (xxxii. 224).

Francis Henry Cheetham

(March 1867, d.m. 1922)

Born 1845. Son of John Cheetham, M.P. (M.E.B.), and Emma, d. of Thomas Reyner of Ashton-under-Lyne. Brother of J. F. Cheetham.

Married 1870 Emily, d. of William Thomas Blacklock, J.P., of Hopefield Hall, Pendleton, Lancs.

Educated Harrow (Football XI, 1862) and Trinity Hall, Cambridge.

Represented Cambridge in the Mile and Quarter-mile Races in the Inter-University Sports, 1865, and in the Mile, 1866 (?).

J.P. for Somerset.

Died 10 Jan. 1922.

Q. Alpine.

1866. With J. F. Cheetham and R. Durnford, *New Weissthor*, 21/viii ; *Monte Moro*, 22/viii ; *Adler* pass and *Strahlhorn*, 23/viii. (O.V.B.) ; *Col de Valpelline* ; and *Col d'Oren* with J. F. Cheetham (F. Biener).

Right Hon. John Frederick Cheetham

(May 1866, d.m. 1916)

Born 1835. Brother of F. H. Cheetham (q.v.).

Married 1887 Beatrice Emma, d. of Francis Dukinfield Palmer Astley, D.L., of Dukinfield, Cheshire, and Arisaig, N.B.

Educated University College, London. B.A. (2nd in Classical Honours) of London University, 1857.

Entered as a student at the Inner Temple, but was never called to the Bar.

Manufacturer, Staleybridge. J.P. for Cheshire and Lancs. ; Alderman of the Cheshire County Council. M.P. (Liberal) for N. Derbyshire, 1880–5. Contested the High Peak Division of Derbyshire in 1885 and 92 ; Bury, Lancs., in 1895 ; Staleybridge, 1900. M.P. for Staleybridge 1905 and 1906–9, when he retired from Parliamentary life. Privy Councillor, 1911.

Director of the Manchester and Liverpool District Banking Co., and of the Manchester Public Hall Co., Ltd. Governor of Owens College, Manchester, and of Victoria University. Received the Honorary Freedom of Staleybridge, 1897, on presenting the borough with a Free Library.

F.R.G.S.

Died 25 Feb. 1916. (' Who's Who ' ; *The Times*.)

Q. Himalaya (see below) and Alpine.

1859. Early in July went from Simla up the Sutlej valley to Narkanda where he spent a fortnight shooting. Thence crossed the Sutlej, 24/vii ; entered Kulu by the *Jalauri* pass (11,500 ft.), 27/vii ; crossed the *Rotang* pass (*c.* 13,000 ft.) into Lahoul, 6/viii ; *Bara Lacha* pass (16,500 ft.), 13/viii, and *Lunga Lacha* pass (16,750 ft.), 17/viii, to Rupshu ; visited the Tsokar Lake, 20/viii ; *Tung-Lung* pass (17,750 ft.) to Gya, 22/viii ; reached the Indus at Upshi, 23/viii ; and in two more marches arrived at Leh. From there he proceeded to Kashmir by the (now) usual route over the *Foti La*, *Nameka La*, and *Zoji La*

passes. He described the journey in a paper entitled 'The Tibetan route from Simla to Srinagar: Notes of a Himalayan Ramble in the Summer and Autumn of 1859', iii. 118 (cf. vii. 259, 261–3).

1866. See F. H. Cheetham.

Henry Chester

(April 1869, d.m. 1869)

Born 7 Sept. 1811. Son of Henry Chester of Poyle Park, and Charlotte, d. of James Morris of the H.E.I.C.S., Calcutta.

Married 1836 Julia Anne, d. of Edward Browne, of Beckenham.

Solicitor (1835), London. Of Poyle Hill, Farnham, from 1854.

Killed on the Lyskamm 15 Sept. 1869 (iv. 375; v. 23).

Q. Alpine.

1867. *Mont Blanc*, 7/ix.

1868. *Monte Rosa*; *Breithorn*; *Weisstor*; *Col d'Hérens*.

1869. *Finsteraarhorn*, 9/ix (Joh. Fischer).

Frederic John Church

(Feb. 1876, d.m. 1888)

Born 24 May 1854. Son of Rev. R. W. Church, Dean of St. Paul's (D.N.B.), and Helen Frances, sister of George Bennett (q.v.).

Educated Winchester (Scholar) and New College, Oxford; 2nd Class in Classical Mods., 1874; 2nd Class in Literae Humaniores, 1876.

Barrister (Lincoln's Inn), 1880; but soon gave up the Law for journalism and reviewing; edited 'The Trial and Death of Socrates' in the Golden Treasury Series; and translated Dante's 'De Monarchia' for his father's book 'Dante: an Essay' (1879).

Died unmarried at Hyères 16 Jan. 1888. (In Memoriam, xiii. 465, by G. H. S[avage].)

Q. Alpine.

1876. *Weisshorn* with F. Gardiner and W. A. B. Coolidge, 22/vii (viii. 379; S.A.C.J. xii. 23–4).

1877. 1st passage of the *Klein Matterhorn* pass with H. G. Gotch (E. Pennine C.G., p. 6).

Wrote In Memoriam notices of W. Penhall (xi. 103), and

Franz Andermatten (xi. 345). Was well known for his self-sacrificing efforts on behalf of the families of guides who had suffered in Alpine accidents. See, e.g., xi. 97.

George Cheetham Churchill

(April 1864, d.m. 1906)

Born 25 Sept. 1822, Nottingham. Son of Daft Smith Churchill and a d. of George Cheetham of Staleybridge.

Married 1st, 1853, Anna Maitland, d. of Rev. George Laurie (died 1866); 2nd, 1868, Rosaline, d. of Frederick Millett, Bengal C.S. and Member of the Supreme Council for India (died 1870); 3rd, 1873, Frances, d. of Rev. Edward Peacopp of Boston Spa, Yorkshire.

Educated private schools: then articled to a Nottingham solicitor.

Solicitor (1845); practised in Nottingham, and from 1853 to 1863 in Manchester after which he retired and gave himself up wholly to the scientific pursuits in which his real interests lay.

In 1869, owing to the ill health of his second wife, he settled at Clifton, where he continued to reside till his death. His third wife was the companion of his later Alpine journeys and survived him.

F.G.S., 1864.

Died 11 Oct. 1906. (In Memoriam, xxiii. 401, and 'Geolog. Journal', by T. G. Bonney; 'Kew Bulletin', vol. ix, pp. 384–92.)

Q. 'Mountain excursions in the Venetian, Carnic and Julian Alps. Author of work on the Dolomite Mountains.'

From his boyhood he had been an ardent naturalist and soon after the completion of his legal training devoted some time to the study of land treatment to which he was attracted by his interest in the experiments of Sir John Bennet Lawes and Dr. (afterwards Sir) Joseph Henry Gilbert. Through the latter he formed a lifelong friendship with his brother Josiah Gilbert (q.v.). He gradually gave his chief attention to botany and worked at it in holidays in Scotland and Ireland. Later, he and J. Gilbert with their wives made numerous tours in the Alps, the Pyrenees, and elsewhere. In 1856 late in the summer they came south from the Danube to Gastein, ascended the *Gamskar Kogel*, 21/viii; crossed the *Nieder-Tauern* (*Mallnitzer* pass), 23/viii, the Iselberg, 26/viii, and had their first glimpses of the Dolomites

of Lienz. They were fascinated at once, and determined to make a closer acquaintance with them. The name itself was then almost unknown to English travellers.

In 1860 Churchill, alone, made a short reconnoitring expedition from Atzwang to the Western Dolomites; crossed the *Mahlknechtjoch* (Seisser Alp) to the Fassa-tal, 21/viii, visiting the *Fedaja* pass, 22/viii, making the first travellers' ascent of *Monte Ciampedie* (*Sasso dei Mugoni*), 25/viii (Z.A.V. 1897, p. 294; 1899, p. 357), and ascending the Monzoni ridge, 26/viii (E. iii. 381, 394), returned by the *Caressa* pass, 28/viii.

In 1861 the whole party reached Atzwang, 30/viii, and after an ascent of the *Schlern* by C. and G., 2/viii, went by the *Mahlknecht*, *Fedaija*, and *Falzarego* (*Gusella*) passes to Cortina, 4–9/viii. Left Cortina, 10/viii ('and regretted it all the rest of the journey'), and drove to Lienz, 11, 12/viii. Crossed the *Gailberg Sattel*, 14/viii, to the lower Gailtal (then almost unknown to travellers), and explored it from Kotschach, Auf den Plecken, and Hermagor (Churchill ascended the *Polinigg*, 7,825 ft., *c.* 17/viii). To Raibl, 21/viii; crossed the *Predil* pass to Flitsch and visited Sotcha in the upper Isonzo valley, 22–5/viii (Churchill ascended the *Prestelenik*, 8,220 ft., 24/viii; see E. iii. 599, Z.A.V., 1907, p. 286); recrossed the Predil to Kronau in the upper Save valley, 26/viii; visited the *Luschariberg*, 30/viii; and the *Versitch Sattel*, making a partial ascent of the *Prisanig*, 31/viii; visited Feistritz and attempted to approach the Terglou from the S., 3, 4/ix; crossed the *Seeberg* pass from Krainberg to Kappel, 6/ix; and the Sanntal Alps by the *Sulzbach Höhe*, 7/ix, reaching Cilli, 9/ix.

In 1862 Churchill with his wife entered the Eastern Alps from Gratz viâ Worlsberg (ascending the *Kor Alpe*, 7,001 ft., 14/vii); revisited Kappel (ascending the *Gross Obir*, 7,025 ft., 14/vii); and the Gailtal (ascending the *Reisskofl*, 7,770 ft.); and joined Gilbert and his wife at Ober Tarvis, 3/viii. Here they left the 1861 route and went S. by the Pontebba pass to Tolmezzo, 6/viii; by the Dogana and Piave valleys to Auronzo, 9/viii, and Cortina, 12/viii (stayed a week); to Buchenstein (Pieve di Livinalongo), 19/viii; by the *Grodnerjoch* (*Gardena* pass) to Plan in the Grodner-thal, 21/viii; by the Langtal and Gardenazza plateau (*Crespena joch*) to St. Leonhard in the Gadertal, 22/viii; back to Buchenstein by the *Valparola joch*, 23/viii. To Caprile, 25/viii; to S. Nicolo (Val di Zolda) by the *Forcella d'Alleghe* and back, 27, 28/viii; Agordo, 30/viii; *Cereda* pass, 2/ix; *Rolle*

pass to Predazzo, 5, 6/ix ; Vigo, 7/ix ; made, with Gilbert, his 2nd ascent of *Monte Ciampedie*, 8/ix ; the 1st recorded ascent of the *Sasso di Damm*, 9/ix (E. iii. 398) ; *Caressa* pass to Bozen, 10/ix.

1863. Churchill with his wife revisited the Gailtal, arriving at Hermagor, 26/vi ; going eastward, visited the Loibltal, Bodental, and Barental in the Karawanken Alps ; were joined by Gilbert and his wife at Friesach, *c.* 2/viii. They returned viâ Klagenfurt and Villach to the Gailtal, ascended the *Dobratsch*, *c.* 9/viii ; and the *Gartnerkofel*, *c.* 11/viii ; by the Gitschtal Kreuzberg and Weissensee to Greifenburg, 12/viii, and Lienz, 13/viii ; crossed by the Kerschbaumer Alp and the *Kofel* or *Zochen* pass to the Lessachtal (Upper Gailtal), 14/viii ; by the *Kartischer joch* to Innichen, 15/viii ; Sexten, 17/viii ; *Kreuzberg* pass to Cadore (where they stayed a fortnight), 22/viii ; *Forcella Cibiana* to Forno (Val di Zoldo), 4/ix ; by Belluno and Feltre to Primiero, 5–9/ix ; Canale S. Bovo, 16/ix ; Borgo, 17/ix.

In 1864 they published ' The Dolomite Mountains : Excursions through Tyrol, Carinthia, Carniola, and Friuli, in 1861, 1862, and 1863 ; with a geological chapter and Pictorial Illustrations from Original Drawings on the Spot ' (reviewed i. 370, by H. W. Cole (?) ; see E. iii. 400, 443, 547), which at once took its place among the Alpine classics. Gilbert contributed the illustrations and most of the narrative of travel, Churchill the scientific remarks, an account of his journey in 1860, and the concluding chapter on the physical geography of the region. They also published a ' Knapsack Guide to Tirol ' (1867).

1866. See ii. 413.

During these tours he had been much interested in the popular and sacred music of Carinthia and other Slovak countries, and with the assistance of his wife made a considerable collection of Slovak melodies.

For many years he took a keen interest in the Kew Botanical Gardens, and was in continuous communication with the authorities there, largely assisting Sir William Thiselton-Dyer to build up the fine collection of Alpines. His own first gift of an Alpine specimen occurred in 1884 ; from 1885 onward he constantly helped to procure plants from the continental collectors with whom he was in touch. In his knowledge of Alpine flora he was probably excelled by John Ball alone. He wrote no papers on this subject, but his correspondence abounds in valuable material. He bequeathed his own large collection of plants to Kew Gardens.

Colonel Emilius Clayton

(May 1872, d.m. 1921)

Born 17 Oct. 1841. Son of Captain Emilius Clayton and Elizabeth, d. of William Haslewood of Slaugham Park, Sussex.

Married 1883 Ellen, d. of Richard Laurence Pemberton of Hawthorn Tower, Co. Durham.

Educated Brighton College, Bradfield College (Cricket XI), and passed 1st into the Royal Military Academy, Woolwich, 1860.

Entered the Royal Artillery, 1861. A.D.C. to Major-General Sir J. Garvock, K.C.B., commanding the Northern District, 1866–71. Passed the Staff College, 1st in order of merit, 1871; Gold Medal for Prize Essay ('On the Principles which regulate the Efficiency of Artillery Projectiles') at the Royal Artillery Institution, 1873. Captain, 1874. Instructor in Military History at the Royal Military Academy, Woolwich, 1874–9. Gold Medal for Prize Essay at the Royal United Service Institution, 1879. Brevet-Major and Major, 1881. Appointed British Vice-Consul in Kurdistan, May 1879; Vice-Consul at Van, July 1879; he resigned this post in 1882. Instructor in Fortification and Artillery at the Staff College, 1883–90. Lieut.-Colonel, 1889; Colonel, 1893. Colonel on the Staff Commanding Royal Artillery, South-Eastern District, 1896–8. Retired, 1898.

Served in the European War in Flanders and S. Russia. O.B.E.

Of Charlcombe Manor, Bath, 1902–21, where he 'threw himself energetically into the public work of the neighbourhood, and the local papers bear warm testimony to his usefulness'.

Died June 1921. (In Memoriam, xxxiv. 457.)

Q. Alpine.

Member of S.A.C., section Geneva (1910).

1869. *Weisstor*; *Adler* pass and *Strahlhorn*; *Breithorn*; *Col du Geant*; *Mont Blanc*, 27/vii (P. Knubel).

1872. From a bivouac by the Findelen glacier zig-zagged across the *Adler* pass (from W. to E.), *Allalin* pass (from E. to W.), and *Alphubel* pass (from W. to E.), to Saas, 2/vii (vi. 91).

1875. Letter on apparent *roches moutonnées*, near the Grimsel, vii. 401.

1876. With T. H. Marshall, 1st recorded passage of the *Passo della Val di Roda*, described by him as ' a Variation of the *Passo delle Cornelle* ', 29/viii (viii. 109 ; E. iii. 431). Note on the *Schoberthörl*, a pass from the Debautthal to the Lessachthal (viii. 227 ; cf. ' Eastern Alps ', 232 ; E. iii. 226 ; O.A.Z., 1890, p. 179).

1878. Was struck by lightning on the top of the *Weisskugel*, 17/viii (Letter, viii. 449).

1879–81. Armenia : made expeditions among the mountains in the neighbourhood of Lake Van (Sipan Dagh, *Nimroud Dagh*, and *Warak Dagh*—he ascended the two latter) and the Central Kurdistan range, which he crossed in 1880 from Van to Sert by a route new to Europeans. He wrote a paper on ' The Mountains of Kurdistan ', xiii. 449.

1888. *Jungfrau* from the newly built Rothtal hut, 14/viii ; *Beichgrat* and *Wetterlücke* in a single day, 17/viii. (Notes by him, xiv. 245–7.)

1891. 1st ascent of the central summit of the *Strahlegghörner* and a traverse of most of the ridge, thence to the Strahlegg pass, 19/ix. (Note by him, xvi. 118–19 ; Bernese C.G. ii. 69.)

1907. *Titlisjoch*, 29/viii. (Note by him, xxiii. 655.)

Sir George Douglas Clerk, Bart.

(March 1871, d.m. 1911)

Born 17 May 1852. Eldest son of Sir James Clerk and Jane Calvert, d. of Major-General Mercer Henderson, C.B. Succeeded his father as 8th Bart., 1870.

Married 1876 Aymée Elizabeth Georgiana Milliken, d. of Sir Robert John Milliken Napier, Bart.

Educated Eton and Exeter College, Oxford.

Lieutenant in the 2nd Life Guards, 1872–6. Captain in the 3rd Battalion of the Royal Scots, Lothian regiment ; Honorary Colonel, 1899–1904, of 6th Volunteer Battalion of the same regiment. V.D. Colonel commanding 3rd Battalion of E. Surrey regiment (Militia), 1899–1904 ; served in command of it in latter part of S. African War, 1901–2 (medal and three clasps).

Hon. Lieutenant R.N.R., 1888. Military Member of Midlothian Territorial Force Association.

J.P. and D.L., Midlothian. J.P. Peebleshire. Owned about 13,200 acres at Penicuick, Midlothian.

Died 3 December 1911. ('Who's Who'; *The Times*, 4 and 7 Dec.)

Q. Alpine.

John Brise Colgrove

(April 1876, resigned 1894, re-elected 1915)

Born 1 June 1840. Son of John Colgrove, farmer, of Swanbourne, Bucks., and Margaret Brise.

Educated privately and Pembroke College, Cambridge (Scholar); Senior Optime, 1869. Captain of the College Boat Club, 1868.

Assistant Master at Rossall, 1869–75 (head of the Modern side, 1873–5); Head Master of Loughborough Grammar School, 1875–93; of Burton House School, Loughborough, 1893–1904.

F.R.A.S.

Q. Alpine.

1874. With A. H. Cawood and A. Cust (q.v.), *Pigne d'Arolla* and *Col de Breney*, 27/vii. With the same, without guides, returned by the *Col de Cheillon* to Arolla, 28/vii (vii. 217), and there made other guideless expeditions, including an attempt on the *Aiguille de la Za* and the 1st passage of the *Col des Doves Blanches* (viii. 10; ix. 106–7, 170), and, probably, *Pointe de Vouasson*; 'Tour of Mont Collon' with Cust viâ the *Cols de Chermontane* and *de l'Evêque* (viii. 13); *Cols de Bertol* and *d'Hérens*, and *Adler* pass, guideless, with Cawood and Cust.

1875. *Galenstock*, guideless, with Cawood, meeting G. Studer (xxix. 339–40).

1876. With Cawood, without guides, *Jungfrau*; *Grosse Windgälle Dussistock*; with Cawood and Cust, *Oberalpstock*; and the 1st guideless ascent of the *Matterhorn*, 22/vii (see Cust for details). Cust made a sketch on the summit from which he afterward painted a picture, which was presented by Colgrove to the Club.

1877. See R. Pendlebury.

1878. *Mont Blanc* with Cawood, guideless, 2/ix ('Echo', 1878, p. 215; N.A.P. viii. 104; 'Tourist', 1878, pt. ii, p. 56. He wrote a paper on the expedition in the 'Rossallian').

1881. *Watzmann*; *Pfandelscharte*; *Gross Glockner*; *Gross*

Venediger ; and *Marmolata*, all with P. Watson, guideless (R.M. i. 56).

Wrote In Memoriam notices of A. H. Cawood and A. Cust (xxix. 339–44).

The Hon. John Collier

(Feb. 1875, resigned 1890)

Born 27 Jan. 1850, London. Second son of 1st (see vol. i) and brother of 2nd Lord Monkswell (q.v.).

Married 1st, 1879, Marian, d. of Right Hon. Thomas Henry Huxley, F.R.S. ; 2nd, 1889, Ethel Gladys, his deceased wife's sister.

Educated Eton. Then studied art at the Slade School and at Paris and Munich.

Artist. First exhibited in Royal Academy in 1874, again in 1877 (the Aiguille Verte from Argentière and two portraits), in 1878 (a glacier stream, see ix. 40–1 ; and two portraits), and continuously from 1879 mostly subject pictures and portraits ; the latter include Sir J. D. Hooker (1881), H. A. Morgan (1894), J. J. Hornby (1898). Pictures by him were exhibited at the Winter Exhibition of 1915 (' Eiger and Mönch ', xxx. 74) and 1922 (' On the way to Vermala ', a winter scene in the Rhône valley, xxxv. 123).

Author of ' A Primer of Art ' ; ' A Manual of Oil Painting ' ; ' The Art of Portrait Painting '.

O.B.E., 1920 ; war work : temporary Clerk in Parliamentary Department of Foreign Office.

Q. Alpine.

Edward Collins

(Dec. 1871, d.m. 1886)

Born 12 April 1818. Son of Edward Collins of Dalmuir, Dumbartonshire, and Susanna, d. of Joshua Heywood of Manchester.

Married 1861 Anne, d. of Hugh Brown of Glasgow.

Paper maker, of Glasgow, and West Balgray, Co. Lanark.

Died 1 Oct. 1886.

Q. Alpine.

Rev. William Augustus Brevoort Coolidge

(Feb. 1870, C. 1878–80, E. 1880–9, res. 1899. Hon. Member 1904–10, 1923)

Born 28 Aug. 1850, near New York. Son of Frederick William Coolidge and Elisabeth Neville, d. of Henry Brevoort (C.A.F. Ann., 1899, pp. 274–5).

Educated St. Paul's School, Concord, New Hampshire, U.S.A. (sent to Europe for reasons of health, 1864); Elizabeth College, Guernsey; Exeter College, Oxford. Taylorian University Scholar, for French, 1871; 1st Class in Modern History, 1873; 2nd Class in Jurisprudence, 1874.

Fellow of Magdalen College, 1875; Junior Dean, 1879; Librarian, 1879–80.

Professor of English History at St. David's College, Lampeter, 1880–1.

H.O., 1882. Hon. Curate of South Hinksey, Berks., 1883–95. Junior Bursar of Magdalen College, 1882. Tutor in Modern History, 1882–5. From this time onward he devoted himself more and more exclusively to study of the literature, old or new, connected with mountaineering in the Western and Central Alps, of Alpine history and topography, and Swiss history generally. In 1897 he settled permanently at Grindelwald, taking with him his library, which on the Alpine side is probably of unique completeness.

F.R.G.S., 1890–1913. Corresponding Member 1891, Honorary Member 1908, of the Swiss Historical Society. Honorary Member of the Bernese Historical Society, 1905; of the Maurienne Historical Society, 1905. Co-Founder and Hon. Member of the Société d'Histoire du Valais Romand, 1916. Hon. Dr. Philos. Bern University, 1908.

Author of 'Genealogical Tables of the Houses of Burgundy and Savoy' (privately printed); 'The Swiss Federal Court', *Law Quarterly Review*, Oct. 1888, April 1889; 'The Present Political Situation in Switzerland', *The Pilot*, 1 Sept. 1900; 'Catholic Survivals in Modern Zwinglianism', ibid., 17 Nov. 1900; two letters on Hannibal's pass, G.J. xiii.

Editor of Rev. Aubrey L. Moore's Lectures and Papers on the History of the Reformation (1890).

Awarded the Silver Medal of the Geogr. Soc. of Paris, 1903.

Q. Alpine.

Member of S.T.D., 1875; S.A.C., 1895–1905; D.O.A.V., Austria section; Austrian A.C. (1880); C.A.F., section Paris, 1875–9; C.A.I., Florence section, 1873. Hon. Member C.A.F., 1898; C.A.I., 1898; Lyons section of C.A.F., 1910–17 (R.M., 1910, p. 254; 'Rev. Alp.', xvi. 207); Grindelwald section of S.A.C., 1912.

1865. *Strahlegg*, 13/ix; *Niesen* (his 1st Alpine ascent), 17/vii ('Alps in Nature and History', p. 239); *Cima di Jazzi*, 20/ix; *Theodule*, 22/ix; *Col du Géant*, 27/ix (S.A.C.J. xxxvi. 30; 'Bull. section Alp Marit.', 1904, pp. 7–8).

1866. *Jardin*; *Buet*, 14/vii; *Col d'Argentière*, 25/vii (xxi. 67); *Col de Sonadon*, 27/vii; *Col d'Oren*, 28/vii; *Col de Valpelline*, 29/vii (S.A.C.J. xxxvi. 30–3; see 1874).

1867. *Jungfrau*; *Tschingel* pass, 4/vii; *Wetterlücke* (3rd passage), 8/vii; *Beichgrat*, 9/vii; *Adler* pass and *Strahlhorn*; attempt on *Monte Rosa*; 1st ascents of *Piz Badile* (*Cima di Tschingel*), 26/vii; *Cima di Rosso*, 30/vii; and *Piz St. Michel*, 1/viii (iv. 51. Doubts were raised as to the two former ascents. S.A.C.J. xiv. 325, xv. 131; to which he replied S.A.C.J. xvi. 520).

1868. *Wetterhorn*, 8/vii ('Alps in Nat. and Hist.', p. 240); *Blumlis Alp* (2nd ascent, by a partly new route), 18/vii (iv. 384; Studer, i. 441); *Balmhorn*, 2nd descent viâ the *Zagen* pass to Leukerbad, 20/vii (Studer, i. 410; S.A.C.J. xviii. 4); *Aletschhorn*, 23/vii; *Gross Nesthorn* (3rd ascent), 25/vii; *Mönchjoch*, 29/vii; attempts on the *Eiger* and *Finsteraarhorn*.

1869. *Mont Blanc*, unwittingly making the 1st known *descent* by the *Bosses du Dromedaire*, 5/vii (C.A.F. Ann., 1895, p. 10); 1st passage of the *Col de Beranger*, *Dome de Miage*, and *Col du Mont Tondu*, 9/vii (iv. 384; x. 367); *Grandes Jorasses*, 4th ascent, 13/vii; *Grand Combin* reached by *Col du Moine* (new), 17/vii (see iv. 384 and 'Alpine Studies', p. 174).

Moming pass (5th passage, Javelle, 219 note); *New Weissthor*; *Turlo* pass; *Sesiajoch* (3rd passage), 24/vii (iv. 384; Studer, ii. 107); *Monte Rosa*, 26/vii; at Cravate hut on Matterhorn, 28–9/vii (Javelle, 173 note).

1870. (See 'Rev. Alp. Dauph.', xvi. 163); *Col des Aiguilles d'Arve*, 2nd travellers' passage, 23/vi; *Col de Martignare*, 24/vi; 1st ascent of the *Pic Centrale* of the *Meije*, 28/vi; *Barre des Ecrins*, 3rd ascent, 4/vii; 1st ascent of the *Ailefroide*, 7/vii

(viii. 114; paper, 'Rev. Alp. Dauph.', i. 201); *Mont Pelvoux*, 9/vii. He described these expeditions in a paper, 'Dauphiné in 1870', v. 128, and repeated and expanded the story of the first two days, viii. 62–4 (see also S.T.D. Ann., 1892, pp. 176–84, and below, 1876).

2nd ascent of *Mont Blanc* from the *Brenva Glacier*, with a variation, 15/vii (v. 135; xxvi. 172, 428); *Col de Talèfre* (2nd passage), 17/vii; *Col de Miage* (v. 135); *Col du Grand Cornier*; *Triftjoch*; attempt on *Weisshorn*; *Dent Blanche*, 5th ascent, 26/vii (xi. 306, xv. 65); *Biesjoch*, 30/vii (v. 135); *Diablerets*, 1st descent direct to the Creux de Champs, 17/viii (viii. 400); *Biesjoch* and *Brunegghorn*, 22/ix (v. 135); *Dom*, 26/ix; *Augstbord* pass, and *Schwarzhorn*.

1871. *Grindelwald Schwarzhorn*, 23/vi; *Eigerjoch* (2nd recorded passage), 5/vii; *Mettenberg*, 7/vii; *Eiger* (new route by SW. arête), 14/vii; *Silberhorn* (3rd ascent), 17/vii, and *Jungfrau*, 18/vii, bivouacking in the Silberlücke (xix. 206); *Alphubeljoch*, 23/viii; attempt on the Matterhorn, 26–7/vii (Javelle, pp. 16 and 17, notes); *Triftjoch*, 29/vii; 1st ascent of the *Rothhorn* (*Füsshorner*), 28/viii; *Matterhorn*, 4th traverse from Zermatt to Breuil, 5/ix (Javelle, pp. 146 and 173); *Weisshorn*, 2nd recorded ascent by J. H. Kitson's (q.v.) route, 10/ix (v. 306); *Wandfluhjoch*, 2nd passage, 13/ix; *Dent Blanche*, 8th ascent, 14/ix (xv. 65); *Bietschhorn* traversed (3rd ascent), 20/ix (paper, 'A Day and a Night on the Bietschhorn', by Miss Brevoort, vi. 114); 'New Expeditions', v. 276–7.

1872. *Brèche de la Meije* (3rd passage, C.A.F. Ann., 78, p. 29), 25/vi; *Col de la Temple*, 28/vi (viii. 64; 'Rev. Alp. Dauph.', iv. 98; S.T.D. Ann., 1892, pp. 184–6); *Nord End* of Monte Rosa, 3rd ascent, 5/vii (xxiii. 173); *Lyskamm*; *Aletschhorn* traversed, 15/vii; *Oberaarjoch*; *Strahlegg*, 21/vii; *Schreckhorn*, 24/vii; *Mönch* from the Wengern Alp, 5th ascent by this route, 27/vii (Studer, i. 206); *Jungfraujoch* with *descent* to the Wengern Alp, 28/vii (Studer, i. 159); 2nd travellers' passage of the *Birgisch* pass with A. Fairbanks, 23/viii (Bernese C.G. I. ii. 154); 1st ascent of the *Unterbachhorn*, with Fairbanks, 2/ix; *Finsteraarhorn*, 5/ix; 2nd ascent viâ the Viescher Sattel of the *Gross Viescherhorn*, 6/ix (xiv. 514; Studer, i. 264–5); *Agassizjoch*, and 1st ascent of the *Agazzizhorn*, 7/ix; *Wetterhorn*, 11/ix; *Mittelhorn*, and 2nd ascent of the *Wellhorn*, 12/ix, after bivouacking on the Wettersattel (xix. 206); *Gspaltenhorn*, 5th ascent, 15/ix

(Studer, i. 504) ; *Doldenhorn*, 2nd ascent, 18/ix. A. Fairbanks (q.v.) joined in all these expeditions except the Gross Vieschergorn. ' New Expeditions ', vi. 145–7.

1873. 1st recorded ascent of the S. (lower) horn of the *N. Aiguille d'Arves*, 3/vii ; *Col d'Infernet*, 5/vii ; *Col de la Lauze*, 7/vii ; *Sommet des Rouies*, 2nd ascent, 9/vii ; 1st ascent of the *Rateau*, 11/vii ; *Col des Ecrins*, 14/vii ; *Col du Glacier Blanc* (3rd passage), 15/vii ; 1st ascent of the *Montagne des Agneaux* (*Crete* or *Pic Signalé du Glacier Blanc*), 17/vii (viii. 114) ; 1st ascent and 1st complete passage of the *Grande Ruine* and *Col de la Casse Deserte*, 19/vii (vi. 305, 365) ; 1st ascent of *Mont Giobernay*, 21/vii ; 2nd recorded passage of *Col de la Pilatte*, 22/vii (' Rev. Alp.', xi. 182–6) ; *Col d'Ambin* and *Punta Ferrand*, 25/vii (viii. 70 ; ' Rev. Alp.', iii. 68–72).

See vi. 290–2 (' New Expeditions '), and vii. 136–40.

1874. Spent a week at Chamonix, making small expeditions, then to Grindelwald. *Wetterhorn* (1st winter ascent), 15/i ; *Mönchjoch* and *Jungfrau* (1st winter passage and ascent), 22/i. He wrote a paper on this trip, ' The Wetterhorn and Jungfrau in Winter ', vi. 405, translated in N.A.P. iv. 115, 139, and reprinted, ' Alpine Studies ', ch. vi.

Col du Tour, 27/vi (he wrote a paper on this expedition and his passage of the Col d'Argentière in 1866, S.A.C.J. xxxvi. 30) ; *Mont Pourri*, 4th recorded ascent, 2nd ascent by H. Walker's route over the summit of *Mt. Thuria*, 2/vii (vii. 150 ; ' Western Alps ', p. 249 ; C.A.F. Ann., 1876, p. 138 ; Letter from Coolidge, C.A.F. Bull., 1877, p. 165) ; *Col de la Chambre* and *Col du Plan Bouchet* (*Col du Peclet* and *Col de la Montée du Fond*), 5/vii (vii. 150, ix. 104, xiii. 405 ; ' Western Alps ', p. 236 ; ' Rev. Alp.', xvii. 200–3) ; *Col des Aiguilles d'Arve* and 1st travellers' ascent of the *Central Aiguille d'Arve*, 10/vii (vii. 150) ; 1st passage of *Col de la Cochette* and 4th ascent of the N. summit of the *Grandes Rousses*, 12/vii (vii. 151) ; *Brèche de St. Christophe* and 1st ascent of the *Pic de la Grave*, 14/vii (vii. 151) ; 1st passage and ascent of the *Brèche du Rateau* and *Tête du Replat*, 16/vii (vii. 151) ; and (by accident) 1st passage of the *Col de la Grande Ruine*, 17/vii (vii. 151 ; ' Rev. Alp. Dauph.', x. 218–21 ; see vii. 136–48, for the expeditions of 7–22 July 1873, and 14–17 July 1874).

Also made the *ascent* of the *Col de Triolet* from Chamonix, 28/vii ; and crossed the *Vieschergjoch*, ascending the *Ochsenhorn* or *Klein Vieschergorn*, 5/viii (xiii. 267).

1875. *Klein Schreckhorn*, 4/vi. *Brèche de Valsenestre*, 27/vi; 1st passage and ascent of *Col du Vallon de l'Enchatra* and *Pointe de Marguerite* (so named in honour of Miss Brevoort), 30/vi; 1st ascent of *Roche de la Muzelle*, 2/vii; pass of *Les Berches* (probably the 1st made by travellers), 3/vii. (He described the last four expeditions, S.T.D. Ann., 1875, pp. 88–102; and see vii. 314–15.) 1st passage (by accident) of the *Col des Chamois*, 13/vii (vii. 315; 'Rev. Alp. Dauph.', x. 221–5); *Col du Goleon*, 15/vii (see viii. 77); *Mont Blanc*, 24/vii; attempt on *Aiguille Verte*, 28/vii (xix. 206); *Aiguille de Blaitière*, 2nd ascent of highest point, partly new descent, 31/vii (vii. 318; Kurz, p. 90); *Aiguille de Blaitière*, N. summit, 7/ix (vii. 318); *Aiguille Verte*, 17/ix; *Col* and *Aiguille des Grands Montets*.

1876. To Grand Mulets and back, 1/i; attempts on *Mont Blanc* in winter. Went three times, 3/i, 7–9/i, and 11–13/i, to Grand Mulets, spending five nights there and reaching the Grand Plateau for the 1st time in winter, 12/i (vii. 436).

1st passage of *Col des Trois Pointes*, 23/vi; *Bec de l'Homme*, 24/vi; *Col des Cavales*, 25/vi ('Rev. Alp. Dauph.', x. 225); 1st passage of *Col des Sellettes*, 28/vi; attempt on *Pic d'Olan*, reaching the Epaule or S. summit, 30/vi (xiii. 63 note, 72); *Col de Turbat* and 1st passage of *Col d'Entrepierroux*, 1/vii; *Aiguille du Plat*, 2nd ascent by a new route, 3/vii; 1st ascent and passage of *Aiguille* and *Col des Arias*, 4/vii; *Cols de Cote Belle* and *de la Muzelle*, 5/vii; *Col de la Ponsonnière* (paper, S.T.D. Ann., 1876, p. 77); *Pointe de Charbonel* by a new route, 10/vii; 1st ascent of second summit of *Les Droites*, 16/vii (viii. 298; Kurz, p. 51); attempt on *Mont Blanc* viâ the Aiguille and Dome du Gouter; *Col de Triolet*; *Schallenjoch*, 21/vii; *Weisshorn* with F. Gardiner and F. J. Church, 22/vii (viii. 379); *Rothhorn* traversed; *Triftjoch*; *Mischabeljoch* with S. Porges, A. Cust, F. Gardiner, and F. T. Wethered; 1st ascent of *Alphubelhorn* by N. arête with the two latter, 27/vii (viii. 152); *Allalinhorn* traversed, 28/vii (viii. 153). See viii. 97–100, 103, 106.

Planura pass (*Claridengrat*), 31/viii; *Tödi* and *Porta de Spescha*, 2/ix (xvii. 56); *Adamello*, new descent by *Passo di Aqua Pendente*, 7/ix (viii. 109; E. ii. 201); *Presanella* viâ *Passo di Cercen*, 9/ix (E. ii. 236); *Bocca di Brenta* and *Cima Tosa*, 11/ix; *Cimon della Pala*, 3rd ascent, 17/ix (viii. 115; E. iii. 406; M.A.V., 1877, p. 22); *Passo di Canale*, 19/ix; *Forcella di Travernanzes* or *Col dai Bos*, 21/ix; *Monte Antelao* and *Forcella*

Piccola, 23/ix ; *Monte Pelmo*, 24/ix ; *Passo d'Alleghe*, 25/ix ; *Marmolata*, 26/ix ; *Tierseralpel* (*Falbanjoch*), 27/ix.

He wrote papers on 'The Aiguilles d'Arves', viii. 57 and 227, describing his visits to the district in 1870, 73, 74, 75, 76 ; and on the expeditions of 7–27/ix, 'A Run through the Dolomites in 1876', Y.R.C.J. i. 249, reprinted in 'Alpine Studies', ch. xi.

This year he lost his aunt, Miss Brevoort (d. 19/xii), who had accompanied him on most of his tours, and taken part in a large number of expeditions, including some of the most arduous. See an article by Mlle Mary Paillon, C.A.F. Ann. xxvi. 273–96, with a complete list of her climbs.

1877. *Collet Brabant* and 1st ascent of the *Rocher Badon*, 14/vi ; *Col de Vache*, 15/vi ; *Grand Pic de Belledonne*, 16/vi ; 4th ascent of the S. summit of the *Grandes Rousses* and new descent viâ the *Pic du Grand Sablat*, *Pic de la Lac Blanc*, and S. face, 19/vi ; 1st passage and ascent of *Col* and *Rocher de Rochail* ; *Col de la Roumeiou*, 21/vi ; *Col d'Aillot*, 1st recorded travellers' passage, 24/vi ; *Col d'Olan*, *Col des Sellettes*, and 1st ascent of *Cime du Vallon*, 26/vi ; 2nd ascent of Central (Pendlebury's), and 1st ascent of N. summit, of *Pic d'Olan*, 29/vi (xiii. 72 ; S.T.D. Ann., 1914, p. 101) ; 1st ascent of *Sirac*, 2/vii ; *Col du Loup de Valgodemar*, 1st recorded travellers' passage, 4/vii ; 1st ascent and passage of *Grande Sagne* and *Col du Grand Sagne* (*Crête* and *Col de l'Encula*), 7/vii ; *Col du Sélé* and 1st ascent of *Crête des Boeufs Rouges*, 9/vii ; 1st passage of *Col du Clochatel*, 10/vii ; 1st ascent of *Cime du Clochatel*, 11/vii ; 1st ascent of *Pic Coolidge* (*Pic du Vallon*), 14/vii ; *Col du Chardon*, 17/vii ; *Col du Sellar*, 18/vii ; 1st passage of *Col des Avalanches* (*Col du Vallon de la Berarde*), 20/vii ; attempt on the *Meije* (the 2nd by this route) by the arête starting from the Brèche, 22/vii (C.A.F. Ann., 1885, p. 35) ; *Brèche de la Meije*, 23/vii ; *Aiguille du Goleon*, 26/vii ; *Col Lombard*, 1st recorded travellers' passage, 27/vii ; *Basse du Gerbier* and *Col des Sarrasins*, 28/vii. See viii. 329–36 ('New Expeditions') ; Papers, 'Quinze Jours à la Berarde' (9–23/vii), S.T.D. Ann., 1877, p. 97 ; and C.A.F. Ann. iv, pp. 261–81, on the expeditions of 26/vi–1/vii, 1876, and 26/vi–4/vii, 1877. See also 'Rev. Alp. Dauph.', iv. 100–2 and viii. 143.

1878. 1st ascent and passage of *Aiguille de l'Epaisseur* and

Col de Pierre Fondue, 28/vi ; *Col de Martignare*, 30/vi ; *Col de l'Homme*, 1/vii ; *Brèche de Charrière*, 3/vii ; *Sommet des Rouies*, ascent to *Brèche* and *Pointe de Conte Faviel*, 6/vii (' Rev. Alp.', v. 118 ; xix. 480) ; 2nd ascent of the *Meije*, 10/vii (he read a paper before the Club on this expedition, ix. 121, reprinted in ' Alpine Studies ', ch. iv) ; 1st ascent of *Les Bans*, 14/vii (paper on this expedition and that of 6/vii, ' Rev. Alp. Dauph.', ii. 167; reprinted in ' Alpine Studies ', ch. v, and see ' Rev. Alp.', xi. 182–6) ; 2nd ascent of the *Pointe des Etages*, 16/vii ; *Col de la Coste Rouge*, 18/vii ; *Col de Seguret Foran* with a partly new descent, and ascents of *Le Rif* (*Pic des Fêtes*) and *Pic d'Arcas* ; *Col des Grangettes*, 19/vii (see C.A.F. Ann., 1899, pp. 31–4) ; *Col Lombard* and 1st ascent of the S. *Aiguille d'Arves*, 22/vii ; 1st ascent of northern (highest) horn of the *N. Aiguille d'Arves*, 23/vii ; *Pas du Gros Grenier*, 24/vii ; 1st passage of *Col de Gebroulaz* and 2nd ascent of *Aiguille du Polset*, 29/vii (xii. 269) ; *Col de Chanrouge*, 30/vii ; *Grande Casse*, 5th ascent, 1/viii (C.A.F. Bull., 1882, p. 95) ; *Grande Motte*, 3rd recorded ascent, 2/viii (' Rev. Alp.', v. 337) ; *Tsantaleina*, 2nd ascent, by a new route from *Col de Goletta*, descent viâ *Col de Bassac Superieur* or *Deré*, and 2nd ascent of the *Bec de la Traversière* (*Petit Mont Bassac*), 5/viii ; *Aiguille de la Grande Sassière*, new route by SE. arête, 6/viii ; *Col de la Sachette*, 7/viii ; *Mont Pourri*, partly new descent, 8/viii (' Western Alps ', 249) ; *Aiguille du Midi de la Peisey*, 2nd ascent, new descent, 9/viii (ix. 169) ; *Col de la Grande Casse* ; 1st ascent and passage of *Aiguille de Peclet* and *Col du Bouchet*, 12/viii (C.A.F. Bull., 1885, p. 290 ; Letter, ' Rev. Alp.', xvii. 200–3). Was present at the Fête of the S.T.D. at Lautaret, 15/viii.

Col de Buffère and *Col de l'Etroit du Vallon*, 17/viii ; 1st ascent and passage by travellers of *Pic* and *Col du Thabor*, 18/viii ; 3rd ascent by a partly new route of *Dent Parrachée* and 2nd passage of *Col de l'Arpont*, 21/viii ; *Col de la Rocheuse*, 1st recorded travellers' passage, 23/viii ; *Col de la Galise* ; *Col de la Croix de Nivolet* ; *Theodule* ; and (after an almost successful attempt) *Gabelhorn*, 3/ix (ix. 107).

Papers (C.A.F. Ann. v. 177–85) on the expeditions of 27/vi and 22–4/vii, and ' Première Ascension du Pic de Thabor ', S.T.D. Ann., 1878, p. 67 ; ix. 92–104 (' New Expeditions ').

1879. 1st winter ascent of the *Schreckhorn*, 12/i (paper, ix. 213, reprinted in ' Alpine Studies ', ch. vii, and another, ' Courses

d'Hiver dans les Alpes', C.A.I. Boll. xiii. 255 on his winter tours of 1874, 76, and 79; and see N.A.P. ix. 46, x. 18).

Col de l'Alpe, 3/vii; *Tête de Fetoules*, 3rd ascent, 6/vii; *Tête de l'Etret* and *Col de Lavey*, 2nd ascent and passage, 8/vii; 1st ascent of *Pic du Says*, 11/vii; *Tête de la Maye*, 14/vii; *Le Plaret*, 3rd ascent, 16/vii; 1st ascent of *Le Pavé*, 19/vii (paper, S.T.D. Ann., 1879, p. 61; 'Rev. Alp. Dauph.', iv. 83–4); *Col de la Temple*, 21/vii; *Col du Vallon Laugier*, 23/vii; *Pointe de Mary*, 1st recorded travellers' ascent, 24/vii; *Pointe de la Font Sancte* (or *Fond Saillette*), 2nd ascent, by a new route, 25/vii; *Grand Rubren* or *Rioburent* and point 3,396 m., 26/vii (xviii. 57; 'Western Alps', 38); 1st ascent of *Aiguille de Chambeyron*, 28/vii (he described this expedition in Levasseur, p. 138); 1st ascent of *Pointe Haute de Mary*, 29/vii; *Brec de Chambeyron*, 2nd ascent, 31/vii.

Paper, 'Explorations among the Cottian Alps, I. The Chambeyron District', x. 123, reprinted in 'Alpine Studies', ch. ii (see xviii. 57).

Cols de Fours and *du Talon*, 4/viii; *Pas de Lausson*, *Mont Pelat*, *Cols de la Petite Cayolle*, and *de la Cayolle*, 7/viii; *Col de Jallorgues*, 8/viii; *Mont Tinibras*, 9/viii; *Mont Monnier* (*Mounier*), 11/viii; *Bassa di Druos* (*Col de Valasco*), 11/viii (ix. 338); *Monte Matto*, probable 1st ascent of highest point, 14/viii; 3rd ascent by a new route of *Gelas di Lourousa* (*Monte della Stella*) and 1st ascent of *Punta* (*Rocca*) *dell' Argentera*, 18/viii (xv. 496); *Col de la Ciriegia*, 19/viii ('Western Alps', 51); *Cima di Gelas*, 22/viii; *Mont Clapier*, *Passo del Pagarin*, and *Col della Fous*, 23/viii ('Rev. Alp.', v. 130); *Cols del Sabbione*, *della Madonna del Colletto*, *dell' Ortiga*, *de Sibolet* and *della Bicocca*, 26–31/viii (paper, Bull. of section Alpes Marit. of C.A.F., 1904, pp. 7–43, reprinted in 'Alpine Studies', ch. i, on expeditions of 4–31/viii); *Cols Vieux* and *Agnel*, 3/ix; 2nd ascent of *Monte Viso* from the north, 5/ix. Paper (read before the Club), x. 240, 453; see below, 1881. See ix. 336–57 ('New Expeditions').

1880. The expeditions up to 29/vii were made with F. Gardiner (q.v.).

Col des Masses, 1st passage by travellers, 22/vi; 1st ascent of *Central Aiguille de Saussaz*, *Col Lombard*, 23/vi; *Pic de la Grave* and 1st ascent of NW. (lower) summit, 25/vi; *Pic des Trois Evêchés*, new descent, 27/vi; Eastern peak of the *Meije*, 2nd ascent, 29/vi; *Pic Gaspard*, 2nd ascent, 1/vii; *Col de la Roche*

Faurio and 2nd ascent of *La Roche Faurio*, 2/vii ; *Col Emile Pic* and *Pic de Neige Cordier*, 3/vii ; *S. Aiguille d'Arves* (the 3rd and his 2nd ascent), 6/vii ; attempt on NW. face of the *Meije*, 7/vii (C.A.F. Ann., 1885, p. 35). Paper, 'Quinze Jours autour de La Grave', S.T.D. Ann., 1880, p. 55. 1st passage of *Col d'Entraigues* and 2nd ascent of *Pointe de l'Eyglière*, 11/vii ; *Pic Sans Nom*, 3rd ascent, 13/vii ; ascent of all five summits of *Mont Pelvoux*, 14/vii (he wrote a paper on this expedition, Levasseur, 187) ; *Ailefroide*, 3rd ascent, 15/vii ('Rev. Alp. Dauph.', i. 201) ; 2nd passage of the *Col*, and 3rd ascent of the *Crete, des Boeufs Rouges*, 16/vii (see as to these expeditions, S.T.D. Ann., 1880, p. 64) ; 1st ascent of *Pic Felix Neff*, 19/vii ('Rev. Alp.', xix. 539–40) ; *Grand Pinier* and 1st passage of *Col des Rognons*, 20/vii ; 1st passage of *Col de Verdonne*, 21/vii ; *Col de la Muande*, 23/vii ; *Aiguille d'Olan*, 3rd ascent, 24/vii ; *Brèche Giraud Lezin*, 2nd passage, and *Grande Ruine*, 2nd ascent by N. arête, *Col de la Casse Deserte*, 28/vii ; *Tête de la Gandolière*, 2nd ascent, by a new route, 29/vii.

Tête de Lauranoure, E. summit, 1/viii ; W. summit, 4/viii ; *Col de la Haute Pisse*, 2nd ascent of *Pic Signalé*, 1st ascent of *Pointe de la Mariande*, 5/viii ; *Les Berches*, 6/viii ; 1st ascent of the *Flambeau des Ecrins*, 9/viii (see 'Rev. Alp. Dauph.', iv. 102) ; 1st ascent of the *Geisshorn*, 26/viii (x. 98 ; xiii. 268). See x. 82–94 ('New Expeditions').

Gave valuable assistance to W. M. Conway in compiling the Zermatt Pocket, the parent of 'Climbers' Guides', published 1881, 'any degree of accuracy which this little sketch may attain is entirely due to him' (W.M.C.).

1881. *Tête de Lauranoure*, S. summit, 2nd ascent, new route by N. arête, 3/vii (x. 491 ; xiii. 65 note) ; *Col de la Haute Pisse* and *Les Berches*, 4/vii ; *Col de Côte Belle*, 5/vii ; 2nd passage of *Col des Aiguilles* and 1st ascent of the *Aiguille Rousse*, 6/vii ; 1st ascent of *Le Fifre*, 10/vii ; *Barre des Ecrins* (18th ascent, 2nd from the S. and 1st traverse), 11/vii (x. 465 ; S.T.D. Ann., 1881, pp. 58–9 ; 'Rev. Alp. Dauph.', iv. 102) ; 1st ascent of *Pointe du Sélé*, 14/vii ; *Mont Pelvoux*, new route from the W., 15/vii ; 1st ascent of *Aiguille de Jean Rostan* or *Pic Signalé du Vallon des Houerts*, 18/vii ; 1st ascent of *Pointe des Henvières*, 19/vii ('Rev. Alp.', xii. 161–5) ; 1st ascent and passage of *Panestrel* and *Col de Panestrel*, 21/vii (ibid.) ; 1st ascent of *Tête du Pelvat*, 23/vii ; *Colle di San Chiaffredo*, 25/vii ; *Monte*

Viso, new route from the NE., 28/vii ; 1st ascent of N. (highest) summit and 2nd ascent of S. summit of the *Visolotto*, 31/viii ; *Col de Traversette* tunnel, 1/viii (x. 477) ; *Bric Bouchet*, probably 5th ascent, and partly new descent, 3/viii ; *Rochebrune*, 5/viii.

Then went alone (see 'Rev. Alp.', iv) by *Col de Sept Laux* (ascending the *Rocher Blanc* or *Pic du Pyramide* viâ *Col du Pyramide*) ; *Col de la Croix de Fer* ; *Col d'Albanne* ; and *Col de Chavière*, to Pralognan, where he represented the A.C. at the annual fête of the C.A.F., 14/viii (x. 419) ; returned by *Col d'Aussois* (ascending *Roche Chevrière*), *Col de l'Aiguille Noire*, and *Col de l'Eychauda*, to Gap, 24/viii ; ascended the *Mont Aiguille*, 29/viii ; and *Tête de l'Obiou*, 31/viii ; later, introduced two Oxford friends to the Alps, making the following expeditions : *Tête de la Maye*, 5/ix (1st English ascent, S.T.D. Ann., 1881, p. 65) ; *Col de la Lauze*, 7/ix ; *Passo delle Sagnette*, 18/ix ; *Monte Viso*, 19/ix ; *Col de Traversette* tunnel, 23/ix ; *Col d'Orcières* or *de Prelles*.

Paper, S.T.D. Ann., 1881, pp. 70–85, on the expeditions from 3–15/vii, and 'Explorations among the Cottian Alps'. No. 2, 'Monte Viso', x. 453, on his ascents of 1879 (read before the Club, see above, and reprinted in 'Alpine Studies', ch. iii) and 1881, 'New Expeditions', x. 346–53.

1882. Attempt on *Aiguille de Scolette*, *Col de Pelouse*, 30/vi ('Rev. Alp.', iv. 69) ; 1st passage of *Col de Gros Jean*, 4/vii ; *S. Aiguille de la Saussaz*, 5/vii (paper, a *résumé* of all his expeditions in the region of the Aiguilles d'Arve, S.T.D. Ann., 1882, pp. 145–58) ; *Brèche de la Meije*, 7/vii ; *Grande Aiguille*, 3rd ascent, 13/vii ; *Tête de Cheret*, 2nd ascent, 15/vii ; *Tête de Charrière*, 2nd ascent, 18/vii ; *Roche d'Alvau*, 19/vii ; *Col des Ecrins* and *Dome des Ecrins* or *Pic de la Berarde*, 20/vii ; *Col Jean Gauthier*, 2nd travellers' passage, 21/vii ; *Roche du Grand Galibier* traversed by new routes, 23/vii ; *Aiguille de Scolette*, 3rd ascent, new route by N. face, 29/vii (C.A.F. Ann., 1891, p. 29; 'Rev. Alp.', iv. 74) ; *Petersgrat* ; *Lauterbrunnen Breithorn* ; *Beichgrat* and *Lotschthaler Breithorn*, 3rd ascent, 9/viii ; *Schienhorn*, 2nd ascent, 11/viii ; *Baltschiederjoch* ; *Lotschenpass* ; *Altels*.

Made the following expeditions (25/viii to 14/ix), alone : *Col d'Arrondaz*, *Col* and *Pointe de Frejus*, 25/viii ; *Col des Echelles*, 26/viii ('Rev. Alp.', iv. 75) ; *Col de Cristol*, 27/viii ; *Col des Thurres*, 29/viii ; *Mont Chaberton*, 30/viii ; *Punta Rognosa di Sestrières*, 31/viii ; *Monte Albergian*, 3/ix ; *Col d'Abries*, 5/ix ;

L'Aiguillette or *Pain de Sucre*, 8/ix; *Cols Agnel, den Longet*, and *de la Noire*, 9/ix; *Cols d'Estronques* and *de Girardin*, 10/ix; *Col de Vars*, 11/ix; *Traversette* tunnel, 14/ix (during this expedition he rescued an exhausted, famished, and unconscious peasant of whose plight he was made aware by the man's dog. He told the story in a short paper, 'Un Chien Fidèle', Rev. Alp. xi. 17–19); *Monte Meidassa*, 18/ix; *Traversette* tunnel, 20/ix.

See xi. 107–14, 121 ('New Expeditions').

1883. With D. W. Freshfield (q.v.), Grenoble viâ Gap and *Col de l'Argentière* to Vinadio, 21–2/vi; *Besimauda* traversed to Certosa di Pesio, 23/vi (xi. 302–4; 'Alpine Studies', pp. 25–7).

1st ascent of *Pointe d'Argentière*, 2/vii; *Rateau* traversed, 4/vii; 1st ascent of *Aiguille d'Entrepierroux*, 7/vii; *Bec du Canard*, 3rd ascent, 8/vii; *Col des Fétoules*, 9/vii; *Tête du Roujet*, 2nd ascent, 11/vii; *Rocher de l'Encula*, 2nd ascent, 13/vii; *Aiguille Centrale du Soreiller* or *Pain de Sucre*, 2nd ascent, 17/vii; *Col des Cavales*, 19/vii; 1st ascent of *N. Aiguille de la Saussaz*, 21/vii; *Col des Aiguilles d'Arves*, 22/vii; *Croce Rossa* and *Punta d'Arnas* (*Ouille d'Arbéron*), 26/vii ('Rev. Alp.', viii. 281); *Bessanese*, 7th ascent, partly new route, 27/vii (R.M., 1889, p. 156); *Roche Melon* traversed; *Trois Dents d'Ambin*, 2/viii ('Rev. Alp.', v. 48, and x. 388); *Roche d'Ambin* traversed, 3/viii; NE. (lower) summit of the *Rognosa d'Etiache* by a new route, and *Col d'Ambin* or *Sommeiller*, 4/viii (xii. 410; 'Rev. Alp.', iii. 73–7, iv. 69 and 93); *Albaron*; *Roc du Mulinet*, 4th ascent; *Levanna Orientale*, new descent, 11/viii; *Ghicet d'Ala*, 12/viii; *Uja di Ciamarella* traversed in one day from Balme to Bonneval, 13/viii; *Levanna Occidentale*; *Col du Carro*; *Levanna Centrale* traversed, 17/viii; *Signal* and *Pointe de Méan Martin*, 2nd ascent of the latter, 18/viii ('Rev. Alp.', vii. 7); *Col de Collerin*, 19/viii; *Collarin d'Arnas*, 20/viii; *Col de l'Autaret*, 21/viii ('Rev. Alp.', viii. 279–81). Made the following expeditions alone: *Pic du Mas de la Grave*, 1st recorded travellers' ascent, 24/viii; *Col de Malrif*, 26/viii; *Bric Froid*, 3rd ascent, 27/viii; *Punta di Losetta* or *Pointe Joanne*, 28/viii; *Monte Meidassa*, 29/viii; *Col d'Abries*, 30/viii.

Paper, 'Trois Jours à la Lavey', S.T.D. Ann., 1883, p. 87, on the expeditions of 2/vii to 22/vii; 'New Expeditions', xi. 346–57.

1884. *Pointe de la Grande Cheble*, 19/vi; 1st ascent of *Gros Grenier*, 20/vi; *Aiguille de l'Epaisseur*, new route by NE. arête, 21/vi (xii. 175); *Pic des Trois Evêchés*, 26/vi; *Pic de Combeynot*,

3rd ascent, 27/vi ; *Col du Laurichard*, 28/vi ; attempt on *W. Pic de Neige du Lautaret*, 29/vi (Dauphiné C.G., p. 34) ; *Grande Ruine* and *Col de la Casse Deserte*, 30/vi ; *Col des Cavales*, 1/vii ; *Aiguille du Soreiller*, 2nd ascent, 3/vii ; *Pic Coolidge*, 5/vii ; 1st or 2nd passage of the *Col de la Girose*, 9/vii ; *Col du Goléon*, 10/vii ; *Pointe de Ronce*, and 1st ascent of *Pointe de Solliette*, 14/vii ; *Albaron* and *Punta dell' Ouliarse*, 16/vii ; *Punta Mezzenile* (pts. 3,446 m. and 3,383 m.), 18/vii ; 1st ascent of *Punta Francesetti* (*Cima Monfret*, pt. 3,441 m.), 21/vii ; attempt on *Mont Pourri* ('Rev. Alp.', i. 242 note), 24/vii ; *Col de la Leisse* ; *Dome de Chassefôret*, 30/vii ; E. peak of *Aiguille de Polset*, 2nd ascent, 31/vii (xii. 270) ; *Col d'Agnelin* and *Cime des Torches*, 1st travellers' ascent, 3/viii ; *Col du Lac Noir*, 4/viii ; *Têtes du Crouzet* and *Col de l'Ours*, 5/viii ; *Col du Says*, 8/viii ; attempt on *Pic Bonvoisin*, 9/viii ; 1st ascent of the *Pic de Parières*, *Col de Vallonpierre*, 10/viii ; 1st passage of *Col du Loup de Champoleon* and 2nd ascent of *Pic Verdonne*, 11/viii ; *Roche Taillante* and *Col Vieux*, 15/viii ; *Grande Aiguillette* and 1st ascent of *Punta Gastaldi* (*Visoulet*), 16/viii ; *Monte Granero*, 17/viii ; *Grand Glayza* viâ *Col de Malrif*, 18/viii ; *Cols de Gondran* and *des Trois Frères Mineurs*, 21/viii ; *Col des Rochilles*, 22/viii.

Paper, 'Un Voyage à deux dans l'Oisans et le Queyras', S.T.D. Ann., 1884, pp. 87–111, on the expeditions of 2–21 Aug. ; xii. 110–20 ('New Expeditions').

1885. *S. Aiguille de Saussaz*, 19/vi ; *Col des Aiguilles d'Arves*, 20/vi ; *Dome de Chassefôret*, 23/vi ; *Grande Casse*, 25/vi ; *Col de la Grande Casse*, 27/vi ; *Aiguille de la Grande Sassière*, 30/vi ; *Levanna Centrale*, 2/vii ; *Col d'Arnaz*, 4/viii ('Rev. Alp.', viii. 281) ; *Mont Chalanson*, 5/vii. All the above expeditions were made with F. Gardiner, who from this time onwards joined him for varying periods in every season up to and including 1893.

Col du Goléon, 9/vii ; *Col Emile Pic* and *Pic de Neige Cordier*, 11/vii ; *Montagne des Agneaux*, 12/vii ; *Col du Sellar*, 14/vii ; *Pic Bonvoisin*, 2nd ascent, 16/vii ; *Sirac*, 4th ascent, 17/vii ; *Col de Navettes* and *Chaillol Cone*, 20/vii ; *Vieux Chaillol* and *Col de Londenière*, 21/vii ; 1st passage of *Col de Parières*, *Pic de Parières*, 22/vii ; 1st passage of the *Col des Bouchiers*, 23/vii (Dauphine C.G., p. 219) ; *Col de l'Ailefroide*, 25/vii ; *ascent* of the *Brèche d'Alvau*, 27/vii ; *Tête du Replat*, 3rd ascent, 29/vii ; *Col des Aigles*, 30/vii ; *Punta Bonneval*, 1st travellers' ascent, 4/viii ; *Col du Carro*, 5/viii. Made the following expeditions

with G. Yeld: *Col Monei* with a 'variation' and *Ondezana*, 8/viii; *Tour du Grand St. Pierre*, 9/viii; *Tête de Monei*, 2nd ascent, 10/viii (xiii. 489); *Tête de la Tribulation*, 1st ascent, and *Col de Grandcrou*, 11/viii; *Grivola* (unaccompanied by Yeld), 13/viii (Cogne C.G., p. 136); *Monveso di Forzo*, 2nd ascent, and 1st complete passage of the *Colle di Forzo* (*Col Forches*), 16/viii; *Becca di Montandeyné*, 2nd ascent, by a new route from the NE., and *Fenêtre de Dzazzet*, 2nd passage, 19/viii; *Grand Paradis*, 21/viii. Paper by Yeld, xii. 509–19.

Cima and *Colle di Percia*; 1st ascent of the *Cima dell' Auille*, 23/viii; *Col de Bassac* and *Grande Traversière*, 24/viii (M.A.V., 1896, p. 298; *Bec d'Invergnuon*, 3rd ascent and 1st traverse, 25/viii; *Col de la Ponsonnière*, 2/ix; *Col de Malrif*, 3/ix; *Col la Mayt*, *Punta Vergia*, and *Col de Rodoretto*, 5/ix; *Punta Cournour* and *Colle Giulian*, 8/ix; *Col dell' Urina* and *Tête du Pelvas*, 9/ix; *Col de Traversette*, 11/ix; *Col de l'Amait di Viso* and *Col de Porsel*, 12/ix; *Col de la Croix*, 13/ix; *Bric Froid*, 4th ascent, 14/ix; *Col de Thurres*, 15/ix; *Rognosa d'Etiache* and 1st passage of the *Col della Rognosa*, 18/ix (R.M., 1885, p. 284; 'Rev. Alp.', iii. 78–9, iv. 69).

Papers on the expeditions of 14–23 July and 5–15 Sept., S.T.D. Ann., 1885, pp. 98–121. See O.A.Z. viii (1886), pp. 19–20; xii. 409–12 ('New Expeditions').

1886. *Gross Grünhorn*, 2nd ascent, 3/vii; at the Bergli hut, 4/vii (see xiv. 513; M.A.V., 1890, p. 75); *Lauteraarsattel*, 7/vii (see xiii. 309).

Made the following expeditions with W. M. Conway: *Piz Cherbadung*, 1st recorded ascent by travellers, 15/vii (xiii. 163); *Ritter* pass, 16/vii; *Kaltwasserjoch* and *Monte Leone*, 17/vii; *Rimpfischhorn*, 20/vii; *Zumsteinspitze*, new route from the Grenzsattel, 22/vii (xiii. 163). This was the beginning of his connexion with the Climbers' Guides (see Pennine C.G., pp. v, vi; E. Pennine C.G., pp. vi–vii; Conway, 'Mountain Memories', 104–5. Much of his climbing henceforth was concerned with them).

Col Durand, 25/vii; *Col de Tracuit*, 26/vii; *Petersgrat*, 29/vii; *Tschingel* pass, 3/viii; *Col de Pavé*, 3rd passage, 8/viii; *Col* and *Sommet des Rouies*, 10/viii; *Pic des Aupillous*, new descent, 11/viii; *Col du Loup de Valgodemar*, 12/viii. Represented the A.C. at the Congress of the C.A.F. at Briançon, 14 and 15/viii (xiii. 183). *Pas de Cavale*, 17/viii; *Col de Valestrête*,

18/viii ; *Cols de la Vaure* and *de Cote Belle*, 20/viii ; 1st ascent of the *Pic du Clapier du Peyron*, *Col de la Muzelle*, 23/viii ; *Col de la Lauze*, 24/viii ; *Pointe du Vallonet* and S. peak of *Grand Bec de Prolognan*, 29/viii ; *Pointe de la Sana* and 1st passage of the *Col des Roches*, 30/viii (' Rev. Alp.', vii. 7) ; *Aiguille Pers*, 2nd ascent, and *Signal du Mont Iseran*, 31/viii (C.A.F. Ann., 1900, p. 391) ; *Pointe de la Galise*, descending to Val de Rhèmes, 1/ix ; *Granta Parey* and *Col de Bassac Déré*, 2/ix (xiii. 129) ; *Ormelune*, 1st recorded travellers' ascent, 3/ix ; *Tête du Rutor* and 1st complete passage of the *Col de St. Grat*, 4/ix (xiv. 495 ; ' Western Alps ', 288) ; *Petersgrat*, 8/ix.

With F. Gardiner (q.v.) : *Strahlegg*, 14/ix ; 1st ascent of the *Hühnerstock*, 15/ix (xiii. 309) ; *Galenstock*, 17/ix ; *Oberalpstock* and *Kreuzli* pass, 19/ix ; *Uri Rothstock*, 21/ix (' Alpina ', 1897, p. 9).

Papers, S.T.D. Ann., 1886, pp. 109–31, on the expeditions of 8–24/viii, and ' Von La Berarde nach Vallouise ', O.A.Z. ix. 53–9, on those of 8–12/viii, xiii. 117–22, 126 ('New Expeditions').

1887. *Kilchfluhpass* or *Sausgrat*, 13/vi (xiii. 423) ; *Rinderhorn*, 15/vi ; *Lämmernjoch* and S. summit of *Wildstrubel*, 16/vi (xvii. 139) ; *Wildhorn*, 18/vi.

Made the following expeditions with F. Gardiner : *Col de la Ponsonnière*, 23/vi ; *Col* and *Rochers des Neyzets*, *Col de l'Yret*, 24/vi ; *Col des Rouges*, 1st travellers' passage, 25/vi ; *Cols de la Pousterle* and *des Lauzes*, 27/vi ; 1st recorded ascent of *Tête de Vautisse*, *Col de Couleau*, *Col des Terres Blanches*, 28/vi ; *Pic de Mancros*, *Col de Mancros*, 1st ascent of E. peak of the *Jumeaux de Chaillol*, 1/vii ; *Col de Chalance*, 2nd passage, 2/vii ; *Col de Lavey* and *Sommet des Rouies*, 3/vii ; 1st visitors to the La Berarde inn, 3–6/vii (xiii. 419) ; 1st ascent of the *Pic des Pres les Fonds*, 8/vii ; *Cols de Buffere* and *des Echelles de Planpinet*, 9/vii.

Mönchjoch, 20/vii (M.A.V., 1890, p. 73, and see xiv. 513) ; attempt on *Aletschhorn*, 22/vii ; *Weissmies*, 25/vii ; *Laquinhorn*, new route from the Fletschjoch, with G. Broke, and *Rossbodenhorn*, 27/vii (xiii. 415 ; paper, ' Ein Wettlauf auf dem Laquinhorn ', O.T.Z., 1888, p. 139) ; *Ried* pass and *Balfrin*, 29/vii ; *Täschhorn*, 31/vii ; *Monte Rosa* viâ the Silber Sattel, 3/viii ; *Castor* and *Pollux*, 5/viii ; *Matterhorn*, 8/viii ; attempt on *Dent d'Hérens*, *Tête Blanche*, 11/viii ; *Col d'Hérens*, 12/viii ; *Grand Cornier* by a partly new route, 13/viii ; *Dents de Bertol*, 2nd

ascent, and 1st passage of *Col des Dents de Bertol*, 15/viii ; *Mont Collon*, 16/viii ; *Pigne d'Arolla*, 20/viii ; 1st passage of the *Col de Peclet*, *Pas du Soufre*, 26/viii ; 1st ascent of the *Pointe de la Glière*, 27/viii (O.A.Z., 1895, p. 37 ; paper, 'Rev. Alp.', 162–5) ; N. (highest) summit of the *Grand Bec de Prolognan*, 29/viii ; *Col du Palet*, 30/viii ; 1st ascent of the *Cima d'Oin* (*Cima della Vacca*), *Aiguille Rousse*, 2nd ascent, *Col du Bouquetin*, 2nd passage, 31/viii (C.A.F. Ann., 1900, p. 391) ; *Pointes du Châtelard*, 1st passage of *Col de Vefrette*, 1/ix ('Rev. Alp.', vii. 7) ; *Col du Clot des Cavales*, 7/ix (see xiii. 419 and 'Rev. Alp. Dauph.', x. 225) ; *La Lauza*, 10/ix ; 1st ascent of *Mont Savoyat*, S. peak of *Grandes Rousses*, 1st ascent by SE. ridge, N. peak, 1st ascent by S. ridge, 12/ix ; 1st ascent of *Cime du Grand Sauvage*, 13/ix.

Paper, S.T.D. Ann., 1887, pp. 81–97 on expeditions between 5 and 14/ix. See O.A.Z., 1887, p. 280, and xiii. 400–10 ('New Expeditions').

The 'Guide du Haut Dauphiné' (see xii. 524) by Coolidge, H. Duhamel, and F. Perrin appeared this year (rev. by F. Gardiner, xiii. 277).

1888. At Grindelwald with F. Gardiner, 4/i to 13/i ; he described their sojourn and expeditions in a paper in 'The Guardian', reprinted in 'Alpine Studies', viii.

Titlis, 21/vi ; *Engstlen Sätteli*, 22/vi ; *Sustenhorn*, 24/vi ; *Ofenhorn*, W. peak, new ascent by the SW. arête, 6/vii ; *ascent* of *Geisspfad* pass, 8/vii ; *Hohsand* pass, 10/vii ; *Basodino*, 11/vii ; *Ofenhorn*, both peaks, 12/vii ; *Blindenhorn* and 2nd recorded ascent and 1st traverse of *Siedel Rothhorn*, 14/vii ; *Basodino* and *Passo di S. Giacomo*, 15/vii ; *Pizzo Rotondo* by a new route from the SW., 1st passage of the *Mutten* pass, 17/vii (S.A.C.J. xxviii. 114) ; *Gross Viescherhorn*, 2nd ascent by the NW. arête, *Ochsenhorn*, new ascent by the W. arête, 1st ascent of both peaks in one day, 22/vii (xiv. 513 ; he wrote a paper mainly on this expedition, 'Ueber die Viescherhorner', M.A.V., 1890, p. 73) ; *Finsteraarhorn*, 24/vii ; *Aletschhorn*, 27/vii ; *Theodul* pass, 2/viii (xiv. 281).

Of the following expeditions, those of 8, 12, 13, and 15/viii were made with G. Yeld : *Col d'Invergneux*, 7/viii ; *Punta Nera*, 1st travellers' ascent, 8/viii ; *Tersiva*, 9/viii ; *Mont Herbeter* by a partly new route, 10/viii (Cogne C.G. 115) ; *Grand Paradis*, new descent viâ the *Col de l'Abeille*, 1st ascent of *Cresta Gastaldi*, 12/viii ; 1st ascents of *Becca di Noaschetta* and *Tête de Valnontey*,

1st passages of *Cols de Valnontey* and *de la Lune*, and (without Yeld) ascent by a new route of *Pointe de Ceresole*, 13/viii ; *Tresenta* traversed, *Cima di Charforon* by a new route from the NE., 14/viii ; *Becca di Monciair*, 3rd ascent, and *Col du Charforon*, 15/viii ; *Col du Carro*, 17/viii. He wrote a paper on these expeditions in *The Guardian*, 20 Feb. 1889, ' A Week's Mountaineering in 1888 ', reprinted in German in O.A.Z., 1889, pp. 65 and 77. See also xiv. 281–91 (by Yeld). *Col de la Roue*, 22/viii (' Rev. Alp.', iv. 77, 80, and x. 388) ; *Col de Bourget* and *Col du Piz*, 23/viii ; *Passo dell' Infernetto*, 24/viii ; *Col Bouchet*, 27/viii ; *Col del Colour del Porco* and *Roche Fourioun*, 28/viii (' Western Alps ', 57) ; 1st passage of *Passo delle Forciolline*, *Viso Mozzo*, 29/viii ; *Col Longet* and *Tête des Toillies*, 3rd ascent, 30/viii ; *Col du Tiéouré* and 1st ascent of *Péou Roc*, 31/viii.

The following expeditions were made with F. Gardiner : *Gros Grenier*, new descent by W. face, 4/ix ; *Grandes Rousses*, N. peak, *Col de la Cochette*, 5/ix ; 1st passage of *Brèche des Grandes Rousses*, S. peak of *Grandes Rousses*, 6/ix ; *Col de la Temple*, 11/ix ; *Col du Sellar*, 12/ix ; W. peak of the *Jumeaux de Chaillol*, 2nd ascent, 13/ix ; *Taillefer* and *Col de Taillefer*, 16/ix ; *Pas de la Ville*, 20/ix ; *Grand Veymont* and *Pas de la Fouille* (*Col de Tresanne*), 21/ix ; *Grand Ferrand* and *Col de Charnier*, 23/ix.

Paper, ' De l'Arc au Drac ', S.T.D. Ann., 1888, p. 98, on the expeditions of 4–16/ix. For those of 20–3/ix see S.T.D. Ann., 1888, pp. 126–44, and xiv. 211–21 (papers by Gardiner) ; and ' Western Alps ' (new ed.), 176–9.

See xiv. 143–50, 153–7 (' New Expeditions '), and O.A.Z., 1889, pp. 34–5.

1889. *Blaugletscherli* pass, 30/vi (Murray's ' Switzerland ', 19th ed., p. 235) ; *E. Oberthaljoch*, *Sustlijoch*, 1st complete passage, and *Gufernjoch*, 2/vii (xx. 120) ; *Gwachtenhorn* by a new route from the Thierberglimmi, 3/vii (xiv. 504) ; *Sustenjoch*, 4/vii ; *Titlisjoch*, 7/vii ; *Gross Wendenstock*, 8/vii ; *Gross Spannort* viâ the *Schlossberglücke* and *Spannortjoch*, descent viâ the *Kühfad* pass (1st known passage), 10/vii (O.A.Z., 1896, p. 318 ; Oberland C.G., p. 70) ; *Steinlimmi*, 12/vii ; *Dammastock*, 13/vii ; *Helsenhorn*, 1st ascent from the west, 16/vii (Lepontine C.G., p. 21) ; *Bortelhorn* by a new route from the *Steinenjoch*, 17/vii (xiv. 503) ; *Albrun* pass, 19/vii ; *Basodino*, 21/vii ; *Gries* pass, 22/vii. See xv. 72–4.

Made the following expeditions with F. Gardiner : *Pointe de*

l'Echelle, 3rd ascent, 30/vii (C.A.F. Ann., 1891, p. 47); *Grande Motte*, new route from the S., 3/viii; 1st passage of *Col d'Oin*, *Aiguille Rousse* by a new route, 6/viii (C.A.F. Ann., 1900, p. 392); *Col du Grand Etret* and 1st ascent of S. (highest) summit of *Punta del Broglio*, 8/viii (xiv. 466); *Grand Paradis* traversed, 10/viii; *Punta Nera* and 2nd ascent of *Punta Bianca*, 12/viii (xv. 440); *Punta Lavina*, new route from the W., *Col des Eaux Rouges*, 14/viii; *Tour du Grand St. Pierre* and *Col de Teteccio*, 16/viii; *Roccia Viva*, new route from the E., 17/viii; *Col de Monei*, 18/viii; *Gran Sertz*, new route by N. arête, 19/viii; 1st ascent of *Punta Crevasse*, *Col de Trajo*, 21/viii. Paper, 'Trois Ascensions du Grand Paradis', S.T.D. Ann., 1889, p. 80, giving a history of the mountain, and an account of his ascents in 1885, 88, and 89, and the expeditions of 6 and 8/viii.

Grand Roc Nore and *Pointe de Vallonet*, 3rd and 2nd travellers' ascents, 27/viii; *Pelaou Blanc*, 1st ascent by travellers and 1st ascent of the *Punta de l'Oughetta* (*Pointe des Lessières*), 28/viii ('Rev. Alp.', vii); 2nd ascent of the *Pointe de Bazel* (or *Punta Calabre*), and 1st ascent of the *Cime de Quart Dessus*, 2nd complete passage of the *Col de la Tsantaleina*, 29/viii (xv. 154); *Col de Bassagne*, 1st complete passage, *Pointe de Calabre* or *Roc del Fonte*, *Col de Calabre*, 31/viii (xv. 155); *Petite Sassière* (*Pointe du Fond*), 2nd traverse, *Pointe des Pattes des Chamois*, 2nd ascent and 1st traverse, 1st ascent of the *Becca di Suessa* or *Aiguille du Glacier*, 2/ix; *Col de la Sachère* and 1st travellers' ascent of the *Grand Becca du Mont* (*Bec de l'Ane*), 3/ix; *Col de Bezin*, 6/ix; *Roche Melon* and *Pic du Ribon*, 3rd ascent, new descent, 7/ix ('Western Alps', new ed., 252; 'Rev. Alp.', viii. 281–2).

xiv. 481–96 ('New Expeditions'); O.A.Z., 1889, p. 294.

He announced (xiv. 510–11) that towards the close of this season he accomplished his 600th 'grande course' in the Alps.

1890. At Grindelwald with Gardiner, 5/ii to 26/ii; he described their stay in a 2nd paper in 'The Guardian', reprinted in 'Alpine Studies', ch. ix.

Col de la Plagnetta, 14/vi (S.T.D. Ann., 1890, p. 84); 1st ascent of *Mont Pellard*, 18/vi (Dauphiné C.G. 196); 1st ascent of the *Corne des Blanchets*, 19/vi; *Col de la Ponsonnière*, 20/vi; *Col de Girardin*, 23/vi; 1st travellers' ascent of the *Dents de Maniglia*, *Col de Roure*, *Colletta di Chiappera*, 24/vi; *Pelvo d'Elva*, 26/vi (xv. 330–1); 1st travellers' ascent of the

Monte di Marte, 27/vi ; *Colle delle Porte*, 30/vi ; *Col de la Croix*, 1/vii ; *Pic de Queyrette*, 2nd ascent, 4/vii ; 1st ascent of *Pointe de Claphouse*, 7/vii ; *Col de la Temple*, 8/vii ; *Les Croix de Don Jean Maurice* (1st travellers' ascent) and *Aiguille de Meanmartin* traversed, 15/vii (' Rev. Alp.', vii. 7) ; *Pointe des Pattes de Chamois* and 1st ascent of *Rocher de Pierre Pointe*, 16/vii ; *Rocher de Franchet*, 1st travellers' ascent, 1st ascent of *Pointe de la Bailletta*, 18/vii (' Rev. Alp.', i. 166) ; *Rochers de Genepy*, 22/vii ; *Col d'Iseran*, 23/vii. See xv. 290–6 ('New Expeditions').

Made the following expeditions with F. Gardiner : *Grand Tavé* traversed, 30/vii ; *Mont Pleureur* traversed, 31/vii ; *Mont Blanc de Seilon*, 2/viii ; *Mont Velan* traversed, 7/viii ; *Grand Combin* traversed, 9/viii (' Rev. Alp.', ix. 248) ; *Combin de Corbassière*, *Petit Combin* 2nd ascent, and 1st passage of *Col de Panosseyre*, 10/viii (xv. 300) ; *Col de Valsorey*, 12/viii ; *Col de Fenêtre* and *Mont Gélé*, 13/viii (see xv. 324–6 ; ' Echo ', 1891, pp. 48–59, and 1892, pp. 149–51, 391–3 (Life of Tschingel) ; and C.A.F. Bull., 1890, pp. 322–3, 1891, pp. 11, 51) ; *Ruinette*, 15/viii. Paper, ' Zwei Wochen in der Umgebung des Grand Combin ', O.A.Z., 1891, pp. 133, 145.

With W. M. Conway, 1st ascent of the *Inner Stellihorn*, 23/viii (xv. 308, xvi. 44, xvii. 63 ; S.A.C.J. xxviii. 132, xxix. 328) ; *Wasenhorn*, new descent by the SE. face, 27/viii (xv. 312) ; *Pizzo Valgrande di Valle*, 30/viii ; accidental variation on the *Ritter* pass, 31/viii (xv. 312) ; *Sasso di Ferro* ; *Monte Nudo*. See xv. 264–7 (Conway). Crossed the *N. Ywerber* pass, 7/ix (S.A.C.J. xxviii. 114).

See O.A.Z. xii (1890), p. 248.

In 1890 appeared Conway's Pennine C.G. Coolidge wrote most of Section I (the Velan District, pp. 1–12), and took so large a part in the rest that ' in fact his name ought to appear on the title-page as collaborator ' (Introd., p. v). Also a ' Supplement ' to the ' Guide du Haut Dauphiné ' (reviewed xv. 230).

1891. *Ritzlihorn*, 30/vi ; *Furtwangsattel*, 3/vii ; *Brunnenstock* (Thierberg group), 9/vii ; *Wyttenwasser* pass, and 1st recorded ascent and traverse of the *Pizzo di Pesciora*, 13/vii (Lepontine C.G. 91–4 ; S.A.C.J. xxviii. 115–16) ; *Passo della Rossa* and 1st ascent of *Pizzo Fizzo* (*Grampielhorn*), 16/vii (Lepontine C.G. 33–4) ; 1st passage of the *Passo dei Laghi*, *Punta delle Rossa*,

17/vii (Lepontine C.G. 30, 31); *Hullehorn*, 4th ascent, 18/vii (S.A.C.J. xxviii. 102–3); 1st passage of the *Mittlenbergpass*, *Blindenhorn* by a new route, *Gemsland* pass, 20/vii; Central (lower) summit of the *Neufelgiuhorner* by a new route, 21/vii; *Ofenhorn* by a new route from the Hohsand pass, 22/vii (S.A.C.J. xxvii. 349); *Krieg Alp* pass; attempt on the *Kriegalpstock*, 25/vii (Lepontine C.G., p. 26); *Helsenhorn*, new descent, 26/vii; *Passo Fne*, 27/vii; *Monte Leone* and 1st passage of the *Hohmatten* pass, 29/vii (see S.A.C.J. xxvii. 348–51).

Made the following expeditions with F. Gardiner: 1st ascent of the *Pointe des Laures* (*Punta di Lora*) viâ the *Pas du Valaisan* (*Col de Garin*), 3/viii (Cogne C.G. 7–8); *Col de Lauzon*, 6/viii; *Gran Nomenon*, 4th ascent (R.M., 1899, p. 227), 7/viii; *Cols de Nivolet* and *de la Galise*, *Pointe de la Galise*, 9/viii; *Tsantaleina*, 2nd ascent from the S., 10/viii; 1st ascent of the *Dome de Val d'Isere*, *Col du Front*, 11/viii; *Mont Pourri*, by S. arête, 13/viii ('Rev. Alp.', i. 242); 1st ascent of the *Pointe de Picheru*, and took part the same day in C.A.F. Congress at Val d'Isère, 15/viii (C.A.F. Bull., 1891, p. 255; paper, 'Rev. Alp.', i. 167–9, on expeditions of 11 and 15/viii); *Col de Goletta* and *Granta Parei*, 17/viii; *Col de Sort* and *Monte Roletta*, 18/viii; *Punta di Gay*, 3rd ascent by a new route from the S., 20/viii (Cogne C.G., p. 83); *Mont Emilius*, 25/viii.

1st ascent of the *Pointe des Cerces*, 1/ix; 1st ascent of the *Aiguille Noire*, 2/ix; *Col du Goleon*, 3/ix; *Col d'Arsine*, 4/ix; *Col du Sélé*, 7/ix; 1st ascent of N. (lower) summit of *Tête de la Somme*, 8/ix; 1st recorded travellers' ascent of *Tête de la Muraillette* ('Rev. Alp. Dauph.', i. 73), 11/ix; 1st passage of *Col du Grand Sablat*, S. summit of *Grandes Rousses*, *Mont Savoyat*, *Col des Quirlies*, and *Col d'Ornon*, 13/ix.

Paper, 'Cinq Nouvelles Courses en Oisans', S.T.D. Ann., 1891, pp. 100–32, on the September expeditions. See O.A.Z., 1891, pp. 277–80.

In 1891 appeared Conway's E. Pennine C.G. Coolidge contributed most of the bibliographical and historical matter besides minutely revising copy and proof-sheets (Introd., p. 4).

1892. *Schilthorn*, 21/vi; *Stockhorn*, 30/vi (xvii. 137); *Hahnenmoos* and *Truttlisberg* passes, 3/vii; *Krinnen* and *Sanetch* passes, 4/vii; *Hüllehorn*, and 1st recorded travellers' ascent of the *Punta*

Mottiscia, 8/vii ; 1st ascents of *Gross Schienhorn*, 10/vii ; and *Guschihorn*, 11/vii ; *Eggerhorn*, 15/vii ; *Albrunhorn*, 1st recorded travellers' ascent, *Passo Val Deserta*, 16/vii ; *Geisspfad* pass, 18/vii ; 1st ascent of the *Ober Turbenhorn*, 19/vii ; *Albrun* pass and *Scatta Minojo*, 22/vii ; 1st ascent of the W. (highest) peak of the *Neufelgiuhorner*, 23/vii ; *Rothenthalhorn* and *Passo di San Giacomo*, 24/vii ; 1st ascent of the *Wyttenwasserstock*, 25/vii ; *Kuhbodenhorn*, 26/vii ; *Pizzo Centrale* and *Giubing*, 29/vii.

Paper, S.A.C.J. xxviii. 101, on the expeditions of 8 to 29/vii.

Made the following expeditions with F. Gardiner : *Pizzo Pettano*, 2nd travellers' ascent, and *W. Pettano* pass, 1/viii (Adula C.G. 36–7) ; 1st ascent of *Pizzo Columbe*, *S. Columbe* pass, and *Predelp* pass, 3/viii (' Schw. Alp. Ztg.', x. 179 ; Adula C.G. 34) ; *Campo Tencia*, 4/viii ; *Taneda* pass and *Piz Blas*, 7/viii ; *Scopi*, 8/viii ; *Rheinwaldhorn* and *Lentalücke*, 12/viii ; *Kirchalplücke*, *Fenellahorn*, *Weissgrätli*, 14/viii (Adula C.G. 120) ; *Guferhorn*, 15/viii ; *Satteltelücke* and *Piz Aul*, 17/viii ; *Piz Terri*, 18/viii ; he was called home by the news of the great fire at Grindelwald. See xvii. 122.

1st ascent of No. 2 of the *Fünffingerstocke*, 2/ix (xx. 120) ; *Jungfrau* from the Roththal (meeting J. Meurer), 20/ix ; *Wetterhorn*, 27/ix ; *Chasseral*, 1/x ; and, with F. Perrin, the *Moucherotte*, 16/x. O.A.Z., 1892, pp. 292–3.

In 1892 appeared the Lepontine C.G. by Conway and Coolidge. See xv. 266 and Conway's Preface. The further partnership there foreshadowed was not, however, carried out, and Coolidge continued the work alone, though the series retained the name of ' Conway and Coolidge's Climbers' Guides '.

In the same year there appeared Climbers' Guides to the Central Alps of the Dauphiny based on the ' Guide du Haut Dauphiné ' and its Supplement (the names of Duhamel and Perrin appear as joint authors, but C. was responsible for the English text), and to the Range of Mt. Blanc by L. Kurz. C. (who had already begun to work on the same district) gave much assistance in the preparation of the latter, especially in the bibliography, and wrote the English version. All three are briefly noticed, xvi. 280. In 1893 he produced Guides to the Adula Alps (alone) and to the Mountains of Cogne (the first three sections mainly by C., the other five by C. and G. Yeld jointly), and in 1894 a Guide to the Range of the Todi (alone). See xvi. 466, xvii. 143.

In that year he began to work on the Bernese Oberland but was much interrupted by illness. In 1902 the first volume came out, by G. Hasler (with much help from C.), the second (Mönchjoch to Grimsel) by C., in 1904. See xxii. 337–8. The remaining volumes in the series were by other hands, but C. produced a 2nd edition of vol. i (Gemmi to Mönchjoch) completely rewritten, in two parts, in 1910 (reviewed xxv. 190–1, by J. P. Farrar).

1893. *Grimmi* pass, 10/vi; *Fermelkrinden* pass and *Albristhorn*, 11/vi; *Wildstrubel*, E. summit, 1st direct *ascent* (there had been a previous descent) from the Engstligen Alp, 13/vi (Studer, iii. 470; 'Alpina', 1897, p. 10). Paper, 'To the Gemmi by the Grimmi', xvii. 137.

With W. Larden, new route up the *Ofenhorn*, 19/vi; *Kriegalp* pass, 22/vi; 2nd ascent from the Italian side, by a new route, of *Cherbadung*, 24/vi; and 1st ascent from the Ritterpass of the *Hüllehorn*, 26/vi (Larden, 108–9; R.M., 1899, p. 127).

1st passage of the *Ober Hohsand* pass, *Hohsandhorn*, 28/vi; 2nd recorded ascent by a new route of the *Grieshorn*, 29/vi (xvii. 523); *Cavanne* pass and *Piz Lucendro*, 30/vi.

With F. Gardiner traversed the *Badus* or *Six Madun*, 3/vii; *Crispalt* and 1st recorded passage of the *Sumval* pass, 4/vii; *Bristenstock*, 7/vii; *Grosse Windgälle*, 10/vii; *Scherjoch* or *Kammlilücke*, 16/vii; *Dussistock*, 16/vii; *Planura* pass, 19/vii (20, 21/vii, see S.A.C.J. xxxi. 375); 2nd ascent of the *Tschingelhorn* or *Mannen*, spent the night on the mountain and returned to Elm by the *Segnes* pass, 24–5/vii.

Karpf, 2/viii; *Piz Segnes*, returning by *Saurenjoch*, 3/viii; *Hausstock*, 7/viii (Tödi C.G., p. 109); *Mittaghorn* and *Vorab*, 9/viii (ibid., p. 118); *Ringelspitz*, 1st recorded English ascent, 11/viii; *Safierberg* pass, 13/viii; 1st travellers' ascent of *Splügen Weisshorn*, 14/viii; 1st ascent of *Alperschellihorn*, *Alperschelli* pass, and *Krachenlücke*, 15/viii (paper, 'Zwei Tage in den Splügener Dolomiten', O.A.Z., 1894, p. 1, on the two latter expeditions, reprinted in 'Alpine Studies', ch. x); traversed *Piz Tambo*, 16/viii; and the *Bärenhorn*, 17/viii; *Zervreilerhorn*, 18/viii (paper, xvii. 20); traversed *Piz Scharboden* (probably the 1st ascent since that of Placidus a Spescha), 19/viii; *Diesrut* pass, 20/viii; *Tödi* by the W. or Sandgrat arête, 23/viii (xvii. 135, 367; 'Central Alps', p. 195); *Piz Medel*, 26/viii; *Bocca di Cadlimo*, 27/viii (see 'Notes from the Adula Alps', xvii. 122–7

for the expeditions not described elsewhere from 11 to 27/viii); *S. Giacomo* pass, 29/viii; 2nd, and 1st travellers', ascent of the *Banhorn*, 30/viii; *Monte Giove* and *N. Bochetta di Valle*, 31/vii; 2nd ascent of the *Vorder Helsen*, 4/ix.

See O.A.Z., 1893, pp. 288–9; xvii. 46–55 ('New Expeditions'), and 122–7.

1894. *Rosenhorn* traversed, 6/vi.

Made the following expeditions with W. Larden: *Weisse Frau*, 26/vi; *Balmhorn*, 28/vi; *Tschingellochtighorn*, 30/vi; *Hockenhorn* traversed, 2/vii; *Beich* pass, 4/vii; *Aletschhorn*, 1st recorded ascent by the W. arête, 5/vii (xvii. 258); *Gross Fusshorn*, 7/vii. See Larden, 117–20.

2nd ascent of *Pizzo Fizzo*, 17/vii; 2nd known ascent of the *Helsenhorn* from the Kriegalp pass, 20/vii (the 1st was in 1863, xvii. 357); 2nd ascent of *Klein Schienhorn*, 21/vii (xvii. 358); 1st recorded travellers' passage of *Talschyen* pass, 23/vii (Bernese C.G. ii. 64); *Oberaarhorn*, 24/vii; the 4th (his 2nd) ascent of the *Hühnerstock*, 26/vii; *Fleckistock* by a partly new route (O.A.Z., 1896, p. 318, and a letter by him, 'Beitrage zur Ersteigungsgeschichte des Fleckistocks', ibid., 1897, p. 418), 29/vii; *Gross Ruchen, Ruchkehlen* pass, 5/viii; *Gross Scheerhorn, Kammlilücke*, 7/viii; *Ruchen Glärnisch*, 10/viii; *N. Piz Tumbif*, 15/viii (xvii. 589–90; S.A.C.J. xxxi. 375–7, 381; see 1895); *W. Surettahorn*, 20/viii; 3rd ascent by new routes of *Pizzas d'Annarosa*, 22/viii (xvii. 260); 2nd ascent by a new route of *E. Surettahorn*, 25/viii (xvii. 261); *Passo del Duano* and *Passo di Marcio*, 27/viii; *Piz Platta*, 28/viii (xvii. 594); *Piz della Forcellina*, 29/viii; *Thälijoch* and new route up *Averser Weissberg*, 30/viii (xvii. 262); *Pizzo dellas Calderas*, 31/viii (xvii. 307); *Schlappinerjoch*, 12/ix.

Schwarzer Monch, 22/ix (Bernese C.G. i. 142).

See O.A.Z., 1894, pp. 278–9.

1895. *Eiger Rothstock*, 29/v (xvii. 522, 600); *Grindelwald Grünhorn* or *Pfaffenstockli*, 1/vi (Bernese C.G. ii. 11); *Nufenen* pass, 7/vi; *Pragel* pass, 9/vi; *Kisten* pass, 19/vi; *N. Piz Tumbif* again (in a mist), 22/vi; Glärnisch Club Hut, 14, 15/vi (xviii. 308; S.A.C.J. xxxi. 377); *Bifertenstock* from the Frisal glacier, 26/vi; 1st ascent from the N. to the *Kavestraulücke* (p. 143), followed the ridge from the lücke to *Kavestrau pin* and *N. Piz Tumbif* (2nd traverse), 27/vi (xvii. 589; he described the two latter expeditions, and his 1893 and 1894 visits to this district, S.A.C.J. xxxi. 375–82; see ibid. xxxii. 369). *Sardona*

pass, 30/vi ; *Kirfirsten* (*Hinterruck* and *Kaiserruck*), 2/vii ; *Säntis* traversed, 4, 5/vii ; *Verstanklathor*, *Thorwache*, *Silvretta* pass, 9/vii ; *Scheien* pass, 10/vii ; *Madrishorn*, 12/vii ; *Sulzfluh*, 13/vii ; *Scheienfluh*, 14/vii ; *Schwerzerthor* and *Verrajochl*, 15/vii ; *Scesaplana* traversed, 16/vii ; *Piz Buin* and *Buinlücke*, 20/vii ; *Piz d'Arpiglia*, 24/vii ; *Piz Linard*, 25/vii ; *Piz Fliana* by a new route, 27/vii (xvii. 590) ; *Jamjoch*, 29/vii ; *Fluchthorn* and *Zahnlücke*, 30/vii ; *Vesilspitze* and *Zebles* pass, 31/vii ; *Maisas* pass and *Muttler*, 1/viii ; *Piz Vadret* traversed, 7/viii ; *Piz Kesch*, 8/viii ; *Tinzenhorn*, 10/viii ; *Piz d'Aela*, 13/viii ; a variation on *Piz Michel*, 16/viii (xvii. 590 ; see above, 1867). He wrote a paper on this tour, 'The Fluchthorn and its Neighbours', xviii. 307, which also appeared in O.A.Z., 1897, pp. 79 and 105.

Starlera pass and *Weissberglücke*, ascending the *Averser Weissberg*, 17/viii ; *Piz Platta*, 18/viii (xvii. 594) ; *Pizzo della Duana* viâ the *Duana* pass, 19/viii ; *Pizzo Gallegiona*, 21/viii (xvii. 594) ; *Bruschghorn* and *Carnusa* pass, 23/viii ; *Weisssteinhorn* (*Piz Tomül*) and *Tomül* pass, 24/viii ; *Frunthorn* and *Pettnauerjoch*, 26/viii ; *Piz Cavel* and *Fuorcla de Cavel*, 27/viii ; *Pizzo Luxomagno* (*Piz Lukmanier*) and *S. Columbe* pass, 29/viii ; *San Giacomo* pass, 31/viii ; *Hohsand* pass, 1/ix (see xviii. 323–4).

With F. Perrin, *Col du Clot des Cavales* ('Rev. Alp. Dauph.', x. 226), 11/ix ; *Roche du Grand Galibier*, 13/ix ; *Croix de Belledonne*, 15/ix ; he wrote a paper on this 'short run' in 'Dauphiné in 1895', xvii. 555, which also appeared in S.T.D. Ann., 1895, p. 115 ; cf. 'Rev. Alp.', ii. 21.

Eiger, 26/ix (xviii. 324).

O.A.Z., 1895, pp. 317–18.

1896. *Kaiseregg* ; *Grand Moeveran* ; *Dent de Morcles* ; *Strahlgrat* (Binnenthal), points 3,200 m. and 3,207 m., 2nd ascent by a new route, 13/vii (S.A.C.J. xxxii. 310 ; C.A.I. Boll., 1901, p. 214) ; *Gisighorn*.

1897. *Kaiserruck* and *Hinterruck*, 9/vii ; *Säntis* traversed, 10, 11/vii ; *Scesaplana*, 14/vii ; *Verrajochl* and *Ofen* pass, 15/vii, all with A. J. Butler. *Munt la Schera*, 25/vii ; *Passo Dheira*, *Colle Vallaccia*, and *Passo di Verva*, 28/vii ; *ascent* of the *Colle di Lago Spalmo*, 31/vii (xviii. 531 ; C.A.I. Boll., 1898, p. 1) ; *Cima di Piazzi* viâ the *Colle Campaccio*, 2/viii (xviii. 532) ; *Passo di Dosdé*, *Cima Viola*, *Cima di Saoseo* (2nd recorded ascent), 3, 4/viii (xviii. 532) ; *Passo del Corno*, 5/viii ; *Cartenkamm*, *Passo di Val Mera*, *Corno di Campo*, 7/viii ; *Forcola di Livigno*,

8/viii ; *Piz Casana*, 10/viii ; *Alpisella* pass, 12/viii ; *Dössradond* pass, 13/viii ; *Piz Umbrail*, 14/viii ; *Scarl* pass, 17/viii.

He described the expeditions from 25/vii onward in a paper, 'To the Cima di Piazzi and back', xix. 219. See O.A.Z., 1897, p. 273.

1898. *Faulhorn* ; *Ortlerspitze* and *Tschengsler Hochwand* ; *Sulegg* ; *Renggli* pass ; *Kleine Krinne* ; *Rotihorn* ; *Blauglet-scherli* pass (O.A.Z., 1899, p. 31 and S.A.C.J. xxxiv. 397).

Ill health put an end to further climbing, but he continued for some years to extend his knowledge of sub-Alpine Switzerland on foot or driving. He described some of these journeys in the 'Pilot'. See 'Alpine Studies', chs. xvii–xx.

Author of Swiss Travel and Swiss Guide Books (1889 : see G.J. xi. 508) ; new edition of Ward & Lock's 'Pictorial and Descriptive Guide to Switzerland' (1897) ; Black's 'Guide to Switzerland' (edition of 1901 ; see xx. 528) ; 'Josias Simler et les Origines de l'Alpinisme jusqu'en 1600' (1904, reviewed by D. W. Freshfield, xxiii. 76–80) ; 'The Alps in Nature and History' (1908 ; reviewed xxiv. 276–80) ; 'Die Petronelle Kapelle in Grindelwald' (1911) ; 'Alpine Studies' (1912 ; reviewed xxvii. 241 ; 20 articles, of which 17 had appeared in A.J., the *Guardian*, 'The Pilot', Y.R.C.J., R.M., O.A.Z., &c.) ; 'Die älteste Schützhutte im Berner Oberland' (1915) ; 'Johann Madutz' (1917) ; the article on Christian Almer in 'Pioneers of the Alps' ; chap. xvii of W. M. Conway's 'The Alps from end to end' ; Bibliographical and Historical Sections in Lorria and Martel's 'Massif de la Bernina'.

Editor of Murray's 'Handbook to Switzerland', 18th edition (remodelled, 1891, reviewed by F. F. Tuckett, xv. 569), 19th edition (1904) ; new edition of J. Ball's 'Alpine Guide to the Western Alps' (1898 ; reviewed by F. F. Tuckett, xix. 177–80 ; see Index to xvii, xviii, xix, under 'Ball's Alpine Guide', and xxxiv. 17), and new edition of Ball's 'Introduction to the Alpine Guide' (1899 ; see xix. 248 and 488–91) ; new edition of J. D. Forbes's 'Travels through the Alps' (1900, with Introduction and Notes, reviewed xx. 227) ; the 'Alpine Diaries and Letters of F. F. Tuckett' (1920 ; reviewed xxxiii. 390).

Contributed to the 9th edition of 'Encyclopedia Britannica' the article on the Jura (1881) and 16 articles in the latest volumes

(S to Z, 1887); to the 10th edition, 8 new articles, 47 revised (1899–1901); to the 11th, 204 articles, about 60 new, the rest revised; to the 'Dict. Geographique de la Suisse' well over 100 articles, all under the letter A (1900); to Nelson's 'New Encyclopedia' (1901–3) numerous articles (probably 4–500).

For some remarks on his editorship of the A.J. see xv. 2, 5. Among his principal contributions to it, apart from purely mountaineering papers, mention may be made of his accounts of the Congresses of Foreign Alpine Clubs, 1882–9 (see also vii. 399, xi. 411, xiv. 168); Alpine Bibliography for 1878–9, ix. 503–12; papers or notes on the following subjects: V. Sella's Dauphiné photographs, xiv. 250–1; the name 'Lo Besso', xvi. 117; 'Mons Jubet', xvii. 141–3; The Saracens in the Alps, ix. 254–82, x. 269–74; Bouquetins, xvii. 193–6, 276; Alpine Games, xiv. 61–3; Origin of the Grimsel Hospice, xvii. 460–1; An Early Alpine Accident, xiii. 179–82; Historical Mountaineering, xii. 178, xiv. 406–8; Intercourse between the Vallais and Grindelwald in the sixteenth and seventeenth centuries, xv. 74–5; Some Early Visits to Zermatt and Saas, xxiii. 285–304, 349–64; Early Alpine History of the Finsteraarhorn, xiv. 322–5, xxiii. 419–20, xxv. 186; Monte Rosa, xv. 493–6, xxiii. 489; the Jungfrau, xvii. 392–404; the Mittelhorn, xvii. 115; the High Passes round Zermatt, xvii. 456–8; the Col du Géant, xviii. 59–61; and 'In Memoriam' notices of the dog Tschingel, ix. 310–11; A. Joanne, x. 231; Ed. Desor, x. 492; K. von Sonklar, xii. 255; B. Studer, xiii. 333–6; Ivan von Tschudi, xiii. 336–7; A. W. Moore, xiii. 186; W. F. Donkin, xiv. 131–2; J. Ball, xiv. 469; Ulrich Kaufmann, xiv. 249, 321–2; A. Castagneri, xv. 289; G. Studer, xv. 343–8; Melchior Ulrich, xvii. 31; Christ. Almer, xix. 204–7 (see also for Almer, xviii. 185–6; M.A.V., 1898, p. 140; 'Alpina', 1898, p. 84; 'Rev. Dauph.', 1899, pp. 621–7; S.A.C.J. xxxiv. 199–224).

He also wrote 'In Memoriam' notices of J. Tyndall, O.A.Z., 1894, p. 16; L. Purtscheller, 1900, p. 65; W. Mathews, 'Rev. Alp.', x, pp. 3–15, 42–51; and E. Whymper (Alpine career), R.M., 1911, p. 371, and contributed very largely to the publications of almost all the Continental Alpine Clubs and Societies. Many of his papers took the form of monographs on districts, peaks, or passes of the Alps, and include accounts of his own share in their exploration; thus many of them are cited above.

In 1912 he published a very complete classified list of all his

writings, including translations and books or articles to the authors of which he had given substantial help. Subsequently wrote a few more papers in the 'Revue Alpine' and elsewhere, contributed a series of 'Extracts from my Alpine Diary' to the 'English Herald Abroad', and sent a paper, 'Le Brunegghorn dans l'histoire', to the Alpine Congress at Monaco, 1920.

Henri Cordier

(Dec. 1875, d.m. 1877)

Born 1854 or 55. Son of Eugene Cordier, *avocat* (his father's parents were Henri Cordier the geologist and Mlle Borgella, a niece of Ramond, the first explorer of the Pyrenees).

Educated at the École des Sciences Politiques, where he took high honours ('deux fois lauréat', C.A.F. Bull., 1877, p. 204). Was studying in Paris with a view to a diplomatic career at the time of his death.

Died 7 June 1877, aged 21. See below. (In Memoriam, C.A.F. Bull., 1877, pp. 200–5.)

Member of the C.A.F. (original, section Paris) and of S.T.D. and S.A.C., section Geneva.

Q. Alps and Pyrenees.

1874. *Col du Géant*; *Mont Perdu*; *Vignemale*, 1st known descent by Col de Cerbillonas (Beraldi, vii. 136); *Balaitous* (C.A.F. Ann., 1874, p. 86; 'La Montagne', 1912, p. 388); *Pic d'Enfer* (Bull., 1877, p. 43); *Pic du Midi d'Ossau*. (See Beraldi, iii. 174, 'Un petit-neveu de Ramond. Henri Cordier.') He wrote a paper on his first impressions of the Pyrenees compared with the Alps, 'Bull. Soc. Ramond', x. 137.

1875. Attempt (not a serious one) on the *Meije*, –/vii (viii. 197); *Piz Languard*, 13/vii; *Piz Roseg*; *Piz Misaun* (2nd recorded ascent, Studer, iii. 87); *Piz Morteratsch*, 30/vii; *Piz Bernina* with F. Tendron, 9/viii; *Piz Corvatsch*, 16/viii; *Fuorcla Fex-Scerscen* (*Col de Scerscen*), 19/viii; *Monte della Disgrazia*, meeting T. Cox and F. Gardiner, 19/viii; *Monte Sissone*, 20/viii; tour of the Bernina by *Fuorcla Sella* (*Col de Sella*), *Passo Marinelli* (*Col de Fellaria*), and *Passo di Gambre* (*Col de Verona*), 5/ix; lack of provisions compelled a return to Pontresina, 6/ix. Starting from the Roseg valley reached the *Fuorcla Tschierva-Scerscen* viâ the *Sella* pass and after an attempt thence to ascend

Monte de Scerscen, returned the same way, 8/ix (Studer, iii. 144); *Piz Palu*, 11/ix.

He wrote a paper on these expeditions, C.A.F. Ann. ii. 493, and two others, 'Recentes Excursions des membres du Club Alpin dans les Alpes Françaises', ibid., p. 755, and 'Les Anglais au Caucase', ibid., p. 793.

1876. Attempt on the *Pic Centrale* of the *Meije*, 21–3/vi (viii. 189, 194, 198); attempt on the *Rateau* by the E. arête, 24/vi; 1st ascent of the *Aiguille du Plat*, 28/vi; *Col de la Lauze*, 29/vi; 1st passage of the *Breche d'Alvau* (*Col de Roche d'Alvau*), 2/vii; *Rateau* traversed (new descent by E. arête), 3/vii (viii. 100); 1st ascent of the *Finsteraarhorn* from the Viescher glacier, 15/vii (viii. 109; he wrote a paper on this expedition, viii. 262; see 'Deutsche Alpenzeitung, ii. 117–22); *Col du Chardonnet*, 17/vii; 1st ascent of the E. (2nd) summit of *Les Flambeaux*, 20/vii (viii. 344); 1st passage and ascent of *Col du Fond* and *Petite* (*Pointe de la*) *Sassière*, 22/vii; 1st passage of the *Col de la Grande Motte*, 23/vii (viii. 100–1); 2nd ascent of the *Grande Casse* and 1st passage of *Col de la Grande Casse*, 27/vii (viii. 101, 225). Made the 1st ascent of the *Aiguille Verte* from the Argentière glacier, 31/vii; and 1st ascents of *Les Courtes*, 4/viii; and *Les Droites*, 7/viii with T. Middlemore and J. O. Maund (viii. 105, 289, 297, 298); the 1st ascent of *Pizzo Bianco* (*Monte Rosso di Tschierva*), 12/viii, and 1st ascent from the Tschierva glacier of *Piz Roseg*, 18/viii, with Middlemore (viii. 109, 198); *Piz Zupo*, 22/viii; and a new route by the SW. arête up *Piz Cambrena* (C.A.F. Ann., 1876, pp. 404, 408).

He described these expeditions briefly in C.A.F. Bull., 1874–6, pp. 128, 207–15, and more fully in three papers, C.A.F. Ann. iii. 151–81 and 397–401, and S.A.C.J. xii. 128. He was entertained at dinner by R. H. Budden and other members of the Florence section of the C.A.I. in honour of his exploits, 27/xii (C.A.F. Bull., 1876, p. 371). Wrote an account of the doings and publications of C.A.I. (C.A.F. Bull., 1877, 91–102, 158) in the course of which he urged the importance of organizing meteorological stations on French mountains (cf. ibid., p. 199).

1877. *Breche de la Meije*, 11th passage, 5/vi (S.T. Ann., 1877, p. 81; C.A.F. Ann., 1878, p. 29). Made the 1st ascent of *Le Plaret*, and was killed on the descent, through a fall while glissading, 7/vi (viii. 284–6; N.A.P. vi. 32, 33; C.A.F. Bull., 1877, p. 200).

Many years later the head of his ice-axe was found, and came into the possession of Henri Duhamel, who was thus enabled to reconstruct the story of the accident, which he showed to be due to the breaking of the axe (see C.A.F. Ann., 1885, p. 529).

Sir Henry John Stedman Cotton, K.C.S.I.

(Dec. 1866, resigned 1867)

Born 13 Sept. 1845, Combaconam (Madras). Son of Joseph John Cotton, Madras C.S., and Jessie Emily, d. of James Minchin, Master of the Supreme Court in Madras. Descended from Dr. Nathaniel Cotton and Joseph Cotton (D.N.B.); his grandmother was a daughter of John Gabriel Stedman (D.N.B.).

Married 1867 Mary, d. of James Ryan.

Educated Magdalen College School, under J. E. Millard (see vol. i), Brighton College, and King's College, London (Divinity Scholarship, 1863; Associate of King's College, 1864).

Passed into the Indian Civil Service, 1865; went to Bengal, 1867. Under-Secretary to the Governor of Bengal, 1873–4; Registrar of the High Court, 1874–5; Junior Secretary to the Government, 1875–7; Magistrate and Collector of Chittagong, 1878–80; acted as Commissioner of Chittagong, 1879 and 1884; Secretary to the Board of Revenue, 1880–6; wrote Memoranda on the Revenue History of Chittagong (1880) and the Land Tenure of Bengal (1884).

Commissioner of Police and Chairman of the Calcutta Corporation, 1887; Secretary to the Government of Bengal Revenue Department, 1888; to the Financial Department, 1889–91; Chief Secretary to the Government of Bengal, 1891–6. C.S.I., 1892. Acting Home Secretary to the Government of India, 1896; Chief Commissioner of Assam, 1896–1902, when he retired. K.C.S.I., 1902.

M.P. (Liberal) for East Nottingham, 1906–10; lost the seat at the General Election, Jan. 1910, and retired from political life for reasons of health, March 1910.

Author of 'England and India' (1883); 'New India or India in Transition' (1885, 2nd edition 1886, new and revised edition 1904); 'Indian and Home Memories' (1911)

Died 22 Oct. 1915. (M. and W.; 'Who's Who', &c.)

Q. Alpine (season of 1863).

1863. First visit to the Alps, with J. E. and F. M. Millard; *Säntis*; *Clariden* pass; attempt on the *Galenstock* without guides; *Alphubeljoch*; *Breithorn*; *Mont Blanc*, 15/viii.

1866. *Titlis*; *Strahlegg*; *Oberaarjoch* and *-horn*, with C. J. Lyall; *Aletschhorn* (with Charles Stuart Parker, brother of A. T. and S. S. Parker); *Mönchjoch* with Lyall; attempt on the *Mettenberg* without guides, on which he read a paper before the 'Featherstone Society'; *Wetterhorn*, and *Schreckhorn* (probably 5th ascent) with Lyall. He described these two seasons in 'Indian and Home Memories', pp. 45–50; cf. p. 43.

Thomas Cox

(Feb. 1871, d.m. 1902)

Born 5 June 1837. Son of Thomas Cox, Alderman, of Birmingham, and Florence Mundy.

Married 1863 Marian, d. of James Cooper, of Long Acre, Editor of the Coach Builders' Journal.

Educated Shoreham.

Button manufacturer, Birmingham, in partnership with his father. The firm afterwards merged into the umbrella-rib and furniture trade, under the style of Cox Brothers & Holland.

Died 18 Nov. 1901. (In Memoriam, by F. Gardiner, xxi. 36.)

Q. Alpine.

Original Member of the Climbers' Club.

1870 and 71. See F. Gardiner.

1872. *Mönch* from the Wengern Alp (4th ascent by this route, Studer, i. 206). 1873. See Gardiner and R. Pendlebury.

1875 and 76. See Gardiner. 1899. *Cima di Jazzi* with Gardiner.

Alfred Eugene Craven

(Mar. 1875, resigned 1890)

Born 21 Sept. 1848. Son of Captain Charles Craven and Harriet, d. of Captain Robert Streatfeild, R.N.

Married 1st, 1881, Edith, d. of Frederick Urban Sartoris, of Rushden Hall, Northants; 2nd, 1898, Sarah Annie, d. of Walter Carey.

F.R.G.S., 1875; F.G.S.; F.Z.S. Member of the Mineralogical Society, the Ray Society, and the Geologists' Association.

In 1877 he planned a journey of exploration to the region of the Great Lakes of Central Africa (see the *Academy*, xi. 510, 582, xii. 363); reached Magila in W. Usambara from Tanga in September, intending to acclimatize himself and study the zoology of the district, but was obliged by ill health to return to England (see 'Proc. R.G.S.' (N.S.), i. 92, 94).

Member of the Geological, Entomological, Microscopic, and Malacological Societies of Belgium; author of a monograph on the 'Genre Sinusigera d'Orb' and other papers in the Annals of the last-mentioned Society.

Q. Alpine.

1874. *Jungfrau*, 20/viii; *Finsteraarhorn*, 22/viii; *Lauteraarjoch* and *Wetterhorn*, 24/viii (Ulrich Lauener, 175; xxx. 308). *Balmhorn*, new descent to the Fluh glacier (x. 385).

1876. With W. O. Moseley, 6th recorded ascent of the *Hintere Schwarze* and 2nd recorded passage of the *Kleinleitenjoch*, 14/viii (viii. 161; E. ii. 337, 357); 5th ascent of the *Hohe Wilde*, 16/viii (viii. 161, ix. 494, xiv. 466; E. ii. 362).

1879. *Dent Blanche* with C. E. B. Watson, 26/viii (P. J. Truffer); 3rd and 1st English ascent of the *Gross Lohner*, 30/vii; 1st ascent of the *Zahlershorn*, 3/viii; and a partly new descent of the *Blumlisalphorn*, 16/ix (ix. 438–9).

With W. O. Moseley, 1st passage of the arête from the *Gross* to the *Klein Doldenhorn*, 5/viii (ix. 438; x. 385); *Matterhorn*, 14/viii, also with Moseley, who was killed on the descent (ix. 372).

1880. *Wetterhorn*, *Mittelhorn*, and *Dossenhorn*, 21/viii (Almer, p. 220); 6th ascent of the *Gspaltenhorn*, 25/viii; 1st ascent from the Gasterenthal of the *Balmhorn*, 2/ix (x. 161; he read a paper before the Club on these expeditions, 'Around Kandersteg', x. 377).

Arthur Croft

(March 1873, d.m. 1902)

Born 1828.

Married 1st, 1887, Caroline, d. of Gardner Brewer of Boston, U.S.A.; 2nd, 1900, Antonia Rose, d. of Anthony Thomas Lefroy of Segrave Place, Cheltenham.

Artist.

First exhibited in the Royal Academy 1868, again in 1871 and

1874, and then continuously from 1876 to 1893, 32 pictures in all, about half which were Alpine. (See ix. 37, 302; xv. 167.) An exhibition of his pictures at the Dowdeswell Gallery in 1893 is noticed, xvi. 471.

Lived at South Park, Wadhurst, Sussex, from 1890 till his death.

Died suddenly 17 Feb. 1902, aged 73.

Q. Artistic.

For many years he was the principal contributor to the exhibitions which accompanied the winter dinner. The records do not go back beyond 1872; from that year till 1892 inclusive he only seems to have been an absentee on one occasion, in 1887, when he was in America. His name occurs wherever names are mentioned, and he is repeatedly referred to as the mainstay of these exhibitions. His subjects were usually Alpine, but in 1889 he showed drawings of Niagara, the Adirondacks, and other views in America. (See especially xi. 409, xii. 168, xiii. 175.)

After 1892 he seems to have dropped out, and he is only once again mentioned as a contributor, in 1898. His exhibits at the Liverpool Exhibition, 1887, are mentioned xiii. 338.

Showed a collection of pictures at the March meeting, 1880 (ix. 513).

Henry Crookenden

(Dec. 1864, resigned 1866)

Born 2 Aug. 1818, Rushford, near Thetford.

Married 1843 Julia Harriet, d. of Rear-Admiral Sir Salusbury Humphreys, K.C.H.

M.D. Practised in London and at Malvern, then was compelled by bad health to reside in the south of France and in Italy. Returned to England, 1865. Wrote art criticisms in various publications.

Died 22 Dec. 1875.

Q. Alpine.

He is mentioned by Sir A. Wills in 'The Eagle's Nest' (pp. 158–60) as being at Zermatt in 1854 and at Chamonix 1858.

Rev. Robert Crosse

(Dec. 1867, d.m. 1871)

Born *c.* 1812. Son of Andrew Crosse of Broomfield, Somerset.

Educated Balliol College, Oxford ; B.A., 1834.

H.O., 1835. Domestic Chaplain to Adolphus Frederick, Duke of Cambridge, 1837–50.

Rector of Ockham, Surrey, 1852–71.

Killed by a fall in the course of a botanical scramble near Mentone, 4 Dec. 1871 (v. 372, 396).

Q. Alpine and Scientific.

1866. Corsica : with W. H. Hawker (see vol. i) crossed the island from Ajaccio by Vico–Eviso–Calacuccio–Corte to Bastia, 15–24/iii, returning thence to Nice ; on a second visit crossed from Ajaccio by Bocognano and Vivario to Corte ; ascended the E. summit of *Monte Rotondo*, 4/v, and *Monte d'Oro* (iv. 269, 289).

Alexander Crossman

(Feb. 1871)

Born 26 Dec. 1845, Berwick-on-Tweed. Son of W. Crossman (see vol. i).

Married Katherine, d. of James Dunlop, of Berwick-on-Tweed.

Educated North London Collegiate School.

Solicitor (1868), London (in partnership with his father till the death of the latter in 1885). Director of the Law Union and Crown Insurance Co.

Q. Alpine.

Maxwell Cormac Cullinan

(March 1875, resigned 1880)

Born 17 June 1843, Ennis. Son of Patrick Maxwell Cullinan, M.B., J.P., of Harmony House, Ennis, and Sarah, d. of Peter Fitzpatrick. Brother of F. J. Cullinan.

Educated Trinity College, Dublin (Scholar, 1862 ; B.A., 1864), and Christ's College, Cambridge ; Porson University Scholar, 1865 ; Battie University Scholar, 1867 ; 2nd Classic, 1868.

Fellow of Christ's College, 1868–84. Lecturer, 1868. Called to the Bar (Lincoln's Inn), 1869; resident in London, 1869–74. Assistant Professor of Latin at University College, London, 1871–4. Then returned to Cambridge; was Junior Dean and Classical Lecturer at Christ's College, 1874–8, after which he left Cambridge and lived abroad.

Author of 'Trinity College Dublin and University Education in Ireland' (1871). Joint author of 'Hesperidum Susurri', a collection of renderings of English poems into Greek and Latin verse (1867); contributed a good deal of Classical Verse to 'Kottabos, a College Miscellany' (Dublin, 1869); some of his work also appeared in 'Dublin Translations' (1890).

Died unmarried at Rome, 20 May 1884.

Q. Alpine.

1874. With A. H. Simpson (q.v.), *Adler* pass and *Strahlhorn*; *Schwarzberg Weisstor*; *Rothhorn*, 4/ix; *Matterhorn*, 8/ix (xxxii. 102, P. Knubel).

Arthur Cust

(March 1874, d.m. 1911)

Born 1842. Son of Ven. Edward Cust, Archdeacon of Richmond, and Selina, d. of Bradford Wilmer, M.D., of Coventry.

Educated Durham Grammar School and St. John's College, Cambridge (Scholar); 1st in the 2nd Class in the Classical Tripos, 1865.

Assistant Master at Rossall, 1866–77.

Died, unmarried, 19 April 1911. (In Memoriam, by J. B. Parish and J. B. Colgrove, xxix. 343, with portraits, p. 342.)

Q. Alpine.

1867. With J. B. Parish, *New Weisstor*, 1/viii (O.V.B.); *Finsteraarhorn*, 7/viii; *Oberaarjoch* and *-horn*, 9/viii (viii. 246); *Strahlegg*, 10/viii (viii. 139, Joh. Fischer).

1873. *Pigne d'Arolla*; *Pointe de Vouasson*; *Cols de Bertol* and *d'Hérens*, with Parish (O.V.B.).

1874. With A. H. Cawood and J. B. Colgrove, *Pigne d'Arolla* (where he made the rough sketch of the Panorama mentioned below) and *Col de Breney* (T. G. Bonney, G. E. Foster, R. Pendlebury, and C. Taylor also took part in this expedition), 27/vii;

with the same two, without guides, returned to Arolla by the *Col de Cheillon* and *Pas de Chevres*, 28/vii (note by him, vii. 216); and there made other guideless expeditions, including an attempt on the *Aiguille de la Za* and 1st passage of the *Col des Doves Blanches* (viii. 10); in the course of one of them he made the 1st ascent of the S. peak of the *Grandes Dents* alone (viii. 9–10). Also made with Colgrove, a 'tour of Mont Collon' viâ the *Col de Chermontane* and *Col de l'Evêque* (viii. 13).

1875. With R. Pendlebury (q.v.), *Col de la Lauze* (S.T.D. Ann. i. 84); by an accidental variant to the *Col d'Olan* and the *Col de Turbat* from La Lavey to the Valgaudemar, 6/vii; 1st ascent of the S. summit (Epaule) of the *Pic d'Olan*, 8/vii; and crossed the *Col du Says* (vii. 316 and see below 1880; S.T.D. Ann., 1877, 103). With Pendlebury and C. Taylor ascended the *Levanna Centrale*, not knowing where they were, 14/vii (C.A.F. Ann., 1877, p. 183); made a new ascent of the *Grand Paradis* from Ceresole, viâ the *Col du Grand Paradis*, 19/vii (vii. 318); *Grivola* with the same (ix. 72).

Returned to Arolla by the *Col de la Tête Blanche*, 8/viii; made two more ascents of the *Pigne d'Arolla*, 9 and 10/viii; 1st passage of the *Col de la Za* (going on to Zermatt by the *Col d'Hérens*), and ascent of *Aiguille de la Za*, 11/viii (vii. 319).

He described his expeditions at Arolla in 1874 and 75 in a paper, viii. 1, illustrated by a sketch of the Aiguille de la Za, &c., from the Praz Graz Alp (p. 15) and a Panorama from the Pigne d'Arolla (p. 57), and supplemented by further 'Notes on Arolla', p. 94.

1876. Made the 1st guideless ascent of the *Matterhorn* with A. H. Cawood and J. B. Colgrove, 22/vii, a feat which created widespread interest and much correspondence in the press (see viii. 110). He read a paper before the Club on the expedition, viii. 242, and wrote accounts of it in 'The Eagle', x. 163; *Chambers's Journal*, Aug. 1876; *The Gentleman's Magazine*, April 1877; and *The Rossallian*.

Joined F. Gardiner's (q.v.) party in a passage of the *Mischabeljoch*, 27/vii; with Gardiner and F. T. Wethered, crossed the *Ried* pass, 28/vii (viii. 152–3); and ascended the *Brunegghorn* from Randa viâ the Biesjoch, returning viâ the Bruneggjoch, the combination and the descent to the Bruneggjoch being new, 29/vii (viii. 108, 381). With Gardiner, *Col de Bertol*, 1/viii; 7th ascent (and the 1st by the NW. arête) of *Mont Collon*, going

on to Prerayen by the *Col d'Oren*, 3/viii ; *Dent d'Hérens*, descending to Zermatt by the *Tiefenmattenjoch*, 4/viii (viii. 383).

Crossed the *S. Col de Mont Brulé*, making the 1st recorded ascent of *Mont Brulé* (by the NE. arête), 7/viii ; made the 2nd (viii. 224) ascent of the highest summit of the *Dents des Bouquetins*, and went on the same evening, alone most of the way, by the *Col de Breney* to Mauvoisin, 9, 10/viii. He described these two expeditions and the ascent of Mt. Collon in a 2nd paper on Arolla, viii. 133.

The same volume of the Journal contains a sketch by him of the Finsteraarhorn from the Oberaarhorn, p. 233.

1878. With R. M. Beachcroft and C. C. Tucker, 1st attempt resulting in the 1st ascent of the SW. (lower) summit of the *Sasso di Mur*, 6/ix (ix. 114 ; E. iii. 435) ; 7th ascent of the *Cimon della Pala* (E. iii. 407).

Stresa to Bignasco, 18/ix (x. 57) ; made the 1st ascent of the *Tamierhorn* and a traverse to Tosa falls (new routes up and down) of the S. (lower) summit of the *Basodino*, alone, 19/ix (xviii. 168–9 ; Gerla,[1] 331, 334, 336 ; Lepontine C.G. 66, 67) ; crossed the *Neufelgiu* pass, reached the *Bocchetta Sruer* and, misled by the map, climbed the ridge bounding the Ban glacier on the S. ; having discovered his mistake, followed the ridge W., and made the 1st ascent of *Pizzo del Costone* (pt. 2,926 m.), descended to the Hohsand glacier, crossed the *Hohsand* pass in a mist, to Binn, alone, and went on the same evening to Brieg, 21/ix (xviii. 169–70 ; Gerla, 168–9 ; xvii. 523).

This was the beginning of his solitary rambles in Ticino. He wrote a paper on these two expeditions, ' A Pedestrian's route from the Italian Lakes to the Rhone Valley ', *Fraser's Mag.*, 1879, i. 680.

1879. By the Valserberg to Vals Platz, with the (1st recorded ?) ascent of the *Wenglispitze*, pt. 2,839 m. (Adula C.G. 123–5) ; to Vrin ; traversed *Piz Cavel* (x. 487). Spent two days inspecting P. C. Gosset's work on the Survey of the Rhone glacier, on which he wrote a paper, ix. 431 (cf. x. 61, 155).

1st ascent and passage of the *Mitre de l'Evêque* and *Mittlerer-Collonjoch*, 22/ix ; 1st travellers' passage of *Col de Sassa*, 1st ascents of *Petit* and *Grand Becs de Blancien* and 1st passage of

[1] Monograph on 'Il bacino dell' Hohsand ed i monti che circondano la Frua' by Riccardo Gerla, C.A.I. Boll., 1901, pp. 133–352 (with corrigenda, R.M., 1902, pp. 210–15). Cust's wanderings are minutely and fully worked out.

E. Col de Blancien, reaching Arolla by *Col de la Vuignette*, 23/ix (ix. 364–5 ; C.A.I. Boll., 1899, pp. 112–14). By the *Bistenen* pass alone, to the Simplon Hospice (xviii. 170) ; returned to Val Formazza and spent several nights in a hut near the Lebendun lake, exploring alone the Lebendun or Vannino glen, and seeking in vain for a direct passage to the Binn Valley ; reached the central *Bocchetta di Curzalma* and climbed (probably) the *S. Punta di Curzalma*, this being the 1st travellers' visit to this ridge (Gerla, 271–2 ; xix. 148) ; explored the unnamed Forno glacier, and made the *ascent*, from the S. of the *N. Passo del Forno*, but could not complete the passage (xiv. 154).

Made with a porter the 2nd passage of the *Lebendun* pass, and 1st passage of the *Siedel Rothhorn* pass or *Gran Sella del Gries*, returning by the *Gries* glacier and pass to Tosa, 7/x (ix. 369 ; xix. 149). 1st passage of *Passo d'Antabbia* (revisiting S. summit of *Basodino* ; left the N. summit alone owing to the inexperience of his porter, 8/x (ix. 369).

Traversed the N. (highest) summit of *Basodino* from Passo d'Antabbia to Val Fiorina alone, 13/x. Spent eight days at Maggia, amongst other excursions ascended *Cima d'Ajarlo* ; 1st visit to Val Verzasca ; returned to Val Maggia by the *Forcarella Cocco*, missed the path on the ascent and had a very perilous adventure, described at great length (x. 150–5). Left the district by the *Passo di Sassello*, of which his is apparently the earliest English description, 29/x (x. 156 ; Lepontine C.G. 79).

1880. Made the 1st ascent of the S. (2nd) summit of the *Tête de Lauranoure* (*Tête de Salude*), 2/viii (x. 94, 491) ; and the 2nd ascent of N. summit of the *Pic d'Olan*, new route from Glacier de Sellettes by N. arête, 8/viii (x. 95). Long afterwards he wrote a paper, 'The Story of the Pic d'Olan', xiii. 57, describing the expeditions of 1875 and 80. See S.T.D. Ann., 1914, pp. 105, 111.

Reached Val Bavona from Airolo by *Passo di Cristallina* and made an accidental variation on the *Bocchetta di Val Maggia*, 4/ix. Went to the head of the Neufelgiu glen ; after trying the principal channel (used by H. Dübi in 1872), reached the Ban glacier by *Porta dei Camosci* (probably used by F. Gardiner and C. Pilkington in 1877), visited the *E. Punta dei Camosci*, followed the ridge W. and made the 1st ascent of pt. 2,973 m., *Punta del Ghiacciaio di Ban*, descended to Lebendun glen by the *Gemstor* or *Porta del Ghiacciaio di Ban* (1st passage), 6/ix (xvii. 523 ;

cf. xviii. 172; Gerla, 169; 'Guide des Alpes Val.', iv. 137). Made the 1st passage of the *Ofenjoch* or *Passo Cust* (whence he climbed the *Ofenhorn* by the S. face, a new route, 'Guide des Alpes Val.', iv. 121), and 2nd passage of the *Eggerscharte* or *Passo dei Ghiacciaio d'Arbola*, thus establishing the wished-for connexion between the Lebendun and Binn valleys; returned the same day to Tosa, by *Albrun*, *Scatta Minojo*, and *Neufelgiu* passes, 7/ix (x. 98; xviii. 172–4; xiv. 154).

1st ascent of the *Marchhorn* (viâ *Passo dei Cavagnoli*), descending viâ *Passo di Formazzora* to Val Bavona, 8/ix (x. 99); made another ascent of the *Basodino*, staying from 6 a.m. to 3 p.m. on the summit (Gerla, 148, 331).

Here apparently comes in his exploration of the passes between the basin of the Maggia and the valley of the Ticino. He began it from Airolo with the *Bocchetta di Mezzodi* (the *Passo dei Sassi* of x. 157 and Lepontine C.G., p. 78); it was, perhaps, on this occasion that he crossed it, ascended *Poncione di Vespero* and returned by *Passo di Naret.* On another day crossed from Val Chironico by *Passi di Cabione*, *di Piodajo*, and *di Fornale* to Peccia (x. 149–50, 155; xx. 204 note). Made another passage in the same direction (Airolo-Fusio) by the *Passo di Ravina* (x. 156–7; xx. 205 note; Lepontine C.G., 79, first 4 lines). Alp Robiei to Airolo by *Bocchetta di Mezzodi*, spending seven hours on the *Cristallina*, 25/ix (x. 157; xx. 206); returned by *Passo di Bavona*, 1st passage, 27/ix (x. 99); reascended *Marchhorn*, from Bocchetta di Val Maggia (Gerla, 316), descended to Passo dei Cavagnoli, discovered and crossed the (Upper) *Passo di Valeggia* to Ossasco, 29/ix (x. 99–100). *S. Giacomo* pass and 1st ascent of *Rothenthalhorn*, alone, 1/x (xvii. 524; Gerla, 302–3); to Hohsand glacier, returning to Tosa by *N. Banjoch* (his *Thälijoch*), 1st passage, 3/x (x. 98–9); 1st travellers' ascent of *W. Corno di Neufelgiu*, –/x (Gerla, 254–5; Lepontine C.G., p. 47); *Passo di Val Corno* and *Gries* pass (Airolo-Tosa), 9/x (xvii. 524; Gerla, 301); *Passo del Criner* or *Hintere Furka* (E. to W.), 25/x; *Passo Cazoli* (W. to E.), 30/x; *Forcolaccia* (E. to W.), 31/x; *Passo Sciolti* or *Halbihoren* pass (W. to E.), 2/xi (R.M., 1902, p. 214, correcting Gerla, 337–40); all these four passes are between the Tosa valley and Maggia basin, S. of the Basodino.

He wrote two papers, 'Wanderings in Ticino', on Val Maggia and its branches and Val Verzasca, x. 56, 146, describing some of

the minor expeditions of 1879 and 80, with notes on Val Chigniulascio and some other passes.

1881. With J. B. Parish, 1st ascent of *Punta Boetta* (not *La Sciossa* as stated in Pennine C.G., p. 29) and 1st passage of *W. Col de Blancien* (his *Col d'Otemma*), 25/viii (x. 492, xix. 369 ; C.A.I. Boll., 1899, pp. 110 note, 111) ; and 1st passage of *Col de l'Aurier Noir*, 26/viii (x. 358).

Returned viâ Baceno to Devero ; made the 1st passage of the *N. Passo del Forno* (xiv. 154 ; see 1879), repeated the passage of *Porta dei Camosci* and ascent of *Pizzo del Costone*, and followed the ' Gemsgrat ' to the *Punta di Lebendun* (pt. 2,931 m.), 1st ascent (Gerla, 170) ; ascended by the Hohsand ravine and the Siedel glacier, made the 1st passage of the *Passo di Siedel* or *Gemsland* pass, and 1st ascent of the *Siedel-Rothhorn* (xiv. 155 ; xviii. 175) ; a few days later reached by the same route the *Gran Sella del Gries*, and thence made a new route up the *Blindenhorn* (xviii. 175 ; ' Guide des Alpes Val.', iv. 163).

After an attempt on the *Grieshorn* from the Brunni glen, made the 1st ascent of that peak (by SW. face), 11/ix (xvii. 523 ; ' Guide des Alpes Val.', iv. 181).

1882. With J. B. Parish, by Val de Nendaz to Alpe Cleuson, 11/viii ; *Pointe de Rosa Blanche*, new descent, viâ Mourti and Ecoulaies glaciers, to Liappey ; thence to Arolla, 12/viii (xi. 238–9). 1st recorded travellers' passage of *Col de l'Oulie Secca* (Arolla–Bionaz), 21/viii (xi. 239 ; xix. 369 ; C.A.I. Boll., 1899, p. 108 ; Pennine C.G. 29) ; 1st ascent of *Becca Superiore di Ciardonnet*, descent by *Col de Crête Seche* to Mauvoisin, 22/viii (xi. 116 ; C.A.I. Boll., 1899, p. 82) ; with C. Taylor, 1st passage of *Col du Mont Fort*, 25/viii (xi. 116 ; note on nomenclature xii. 523).

Returned to Tosa : ascended (using his 1881 route) the two minor N. summits of the *Blindenhorn* (1st ascent of one, probably the northern, point ; 2nd ascent of the other), returned by Gries glacier, 31/viii (xviii. 176). Ascended the *Ofenhorn* (reached by Neufelgiu pass and a variation of the Lebendun pass) by NE. face, 2/ix (xviii. 174–5 ; Gerla, 200). Revisited the Gemsgrat (Gerla, 170).

He had made by this time considerable progress with a map of the Tosa region ; but further climbing and surveying were now put an end to for many years by ill health (xviii. 171 ; Gerla, 149). Long afterwards, 1896, he wrote a paper, ' Fifteen Years

Ago in Val Formazza', describing many of his expeditions of 1879–82 (xviii. 168–76).

1897. Riddes to Fionney, traversing *Mont Gélé de Chable*, 19, 20/vii (xix. 92); attempt on *La Sciassa*, to Arolla by *Col de la Vuignette*, 24/vii; 1st ascent of *Becca Labbie* and *La Sciassa*, 26/vii (Notes on this peak and Col d'Otemma, xix. 369; C.A.I. Boll., 1899, p. 110). Renewed his exploration of the Tosa district; stayed nearly six weeks, but was much hampered by bad weather. Ascended from Devero the *N. Bocchetta* and *N. Punta di Curzalma*, 31/vii (xix. 148; Gerla, 272).

Albrun pass, 1st passage of *S. Passo*, and 2nd ascent of *SE. Punta, del Forno* (pt. 2,904 m.), and an attempt on *Punta Centrale* (pt. 2,927 m.), crossed for the 1st time the *Bocchetta del Gallo* and was benighted in the Freghera glen, 10/viii (Gerla, 270). Recrossed *S. Passo* (E. to W.), again attempted pt. 2,927 m.; after some further exploration of that part of the ridge returned by *Central Bocchetta di Curzalma*, 17/viii (Gerla, 270, 271, 272).

Visited the Central Ban ravine from Hohsand glacier, and made 1st ascent of S. summit of the *Klein Banhörner* or *Gemelli di Ban*, returning by the *Gemsthor*, 26/viii (xix. 150–1; Gerla, 178–9). Ascended *NW. Punta del Forno*, 5/ix (Gerla, 269); and on another occasion crossed the *S. Bocchetta di Curzalma*, ascending *Monte del Sasso*; this completed the exploration of the ridge between the Forno peaks and the Scatta Minojo.

1898. Apparently began the season at Fusio, visiting *Pizzo Scheggia* and the true *Passo dei Sassi* (i. e. the pass mentioned in Lepontine C.G., p. 79, lines 4–6; see above, 1880, and xx. 205 note). In the Tosa district made 1st ascent of *Torre Superiore di Vannino*, 24/vii (xx. 207; Gerla, 188). Repeated many of his expeditions on and around the Ban and Hohsand glaciers (Gerla, 182–3; xx. 207 note); crossed Gerla's *Passo di Fiorina* to Val Bavona, 7/viii (xx. 206–7 note; Gerla, 320). With J. B. Parish climbed the '*Pizzo dei Matorgni*', 13/viii (Gerla, 320); ascended the *Blindenhorn*; crossed (1st passage) the *S. Bocchetta di Curzalma* (Gerla, 274; 'Guides des Alpes Val.', iv. 115) and *Passo di Valtendra*.

Stayed some days at Veglia (his 1st visit), ascending *Pizzo Valgrande* (or *Monte Cornera*) by NE. ridge; returned by Varzo, and *Colmine* pass to Pontemaglio; thence by a lofty track along the ridge of Monte Larone, and (after a night in an empty hut) by *Passo della Forcola*, to Cimalmotto; and by *Groppo* pass to *Tosa*.

Visited the *Sulzgrätli* gap (pt. 2,730 m., N. of the Ritzenhörner) from the S. and ascended the *Merzenbachschien* by S. face (new), 2/ix (xx. 208 note ; Gerla, 246 ; 'Guide des Alpes Val.', 166) ; recrossed *N. Passo del Forno*, 4/ix (Gerla, 269) ; crossed *Bocchetta N. di Valle*, ascending *Piccola Punta di Valle*, 5/ix ; ascent, from W., of *S. Cramek* pass, 7/ix. Started from Tosa for Valeggia pass ; benighted above Alpe Robiei, 10/ix ; 1st ascent of '*Cima di Lago*' (pt. 2,827 m.) ; went on by *Passo di Bavona*, 11/ix ; reached the *Passo Scheggia* (unknown to travellers but used by natives) from Airolo, 13/ix.

Paper, 'Between Fusio and Veglia', xx. 204–12, on the season, with many notes on earlier expeditions.

He claimed to have discovered the natural arch in 'Cust's Gully' on Great End. In the year of the discovery he found and followed an easy route down the N. cliffs of Great End (Haskett Smith, 29, 56). In 1880 led a large A.C. party on the 1st recorded ascent of the Gully ; they then crossed Scafell Pike, Mickledore, and Scafell, 4/iv (x. 45).

A skilful artist. See (e.g.) 1875 above, and viii. 402.

Ransome Moore Cuthbert

(Dec. 1864, d.m. 1906)

Born 1837–8.

Russian merchant.

Died 6 July 1906, aged 68.

Q. Alpine (season of 1864).

1864. Made, with T. Blanford, the 1st ascent and passage of the *Dent Parrachée* and *Col de l'Arpont*, 3/viii ; and the 1st ascent of the *Grande Motte*, 5/viii (i. 373–4, ii. 177) ; and with Blanford, B. Neighbour, R. C. Nichols, and E. P. Rowsell, reached a point 30 ft. below the summit of the *Bec d'Invergnuon*, 12/viii (i. 374, ii. 29).

John Henry Thomas Davey

(Dec. 1876, d.m. 1881)

Born 1852. Son of Thomas S. Davey, of Courtlands, Eltham, Kent.

Married 1877 Emily Charlotte, d. of Frank Willett, of Acton.

Colonial merchant.

Killed on a level crossing at Keymer Junction, 23 Dec. 1881, aged 29.

Q. Alpine.

Sir William Edward Davidson, K.C.M.G.

(Feb. 1875 ; C. 1878–80, and acting S. vice C. T. Dent, abroad, March–June 1879 (see ix. 240, 312) ; S. 1881–March 1885 ; P. 1911–13)

Born 17 April 1853. Son of William Davidson of Braintree, Essex, and May, d. of George Thomas, of Ferryside, Carmarthenshire.

Educated privately (Matriculated London University, 1870) and Balliol College, Oxford ; 1st Class in Natural Science, 1875.

Barrister (Inner Temple), 1879 ; practised for a short time on the South Wales Circuit ; one of the Standing Counsel to the Board of Trade in Bankruptcy matters, 1884 ; in Shipping matters, 1885. Private Secretary and Secretary of Commissions of the Peace to the Lord Chancellor (Lord Herschell), 1886. Permanent Legal Adviser to the Foreign Office, 1886–1918. Q.C., 1892. C.B., 1897. Bencher of the Inner Temple, 1901. K.C.M.G., 1907.

President, 1909–10, of the Association of Clan Dhai (Davidson).

Died unmarried, 12 July 1923. (' Who's Who ' ; *The Times* ; In Memoriam, xxxv. 259–67, by J. W. Hartley, G. FitzGerald, and J. P. Farrar.)

Q. Alps (1874). Member of D.Ö.A.V., Leipzig section (1895) ; of S.A.C., Basel section (1902) ; of C.A.F., Paris section (1878).

1874. *Mont Blanc*, 18/vii ; *Col du Geant*, with his father, 20/vii ; *Becca di Nona*, 22/vii ; *Theodule*, with his father, 24/vii ; turned back by a hurricane on *Monte Rosa*, 28/vii ; *Triftjoch*, 29/vii ; *Piz Languard*, 7/viii ; *Piz Corvatsch*, 10/viii. *Old Weissthor* (by J. Tyndall's couloir), *Cima di Jazzi*, return to Macugnaga by *New Weissthor*, 16/viii (xi. 198 ; xxv. 193 ; xxx. 178–9, and facsimile between pp. 180 and 181) ; *Schwarzberg Weisstor* and *Cima di Jazzi*, 19/viii ; *Monte Rosa* by G. E. Hulton's new route of the previous day (see vii. 107), 21/vii ; *Matterhorn*, 28/vii ; *Alphubeljoch*.

1875. 1st passage of the *Arbenjoch*, 8/vii (Note by him, vii. 320); *Bruneggjoch* with M. Hall, J. Brebner, and M. Cannon, 11/vii; *Augstbord* pass and *Schwarzhorn* with the two latter, 12/vii; attempts on *Weisshorn*, 14/vii, and *Dom*, 20/vii; *Breithorn* and *Klein Matterhorn*, 22/vii; icefall of Gorner glacier, *Riffelhorn* from the glacier, 24/vii; *Adler* pass, 25/vii; *Riffelhorn* alone, 28/vii; *Rimpfischhorn* with W. W. Simpson, 29/vii; *Col d'Hérens*, 31/vii.

Oberaarjoch, 10/viii, and *Strahlegg*, 12/viii, with his father; *Wetterhorn*, 15/viii; *Schreckhorn*, 17/viii.

1876. *Tschingel* pass, 2/viii; *Eiger*, 4/viii; *Lauberhorn*, 5/viii; *Jungfrau* traversed from Wengern Alp, 7/viii; *Finsteraarhorn*, 10/viii, all with M. Cannon; *Dent Blanche* with Cannon, C. E. Mathews, and F. Morshead, 18/viii (cf. xxx. 184); the same party ascended to *Tiefenmattenjoch* for the Dent d'Hérens, but owing to doubtful weather, descended to Glacier de Za de Zan and returned by *Col de Valpelline*, 19/viii.

Started for Castor with D. J. Abercromby (q.v.), J. A. Peebles-Chaplin, E. P. and Mrs. Jackson; found the survivors of Mr. Hayman's party, who had had an accident on the Felikjoch, 29/viii (viii. 112, 163). *Pollux* and *Castor* with E. P. and Mrs. Jackson, 5/ix; *Jägerjoch* (1st passage in this direction, E. Pennine C.G. 68) and 2nd peak of *Jägerhorn*, 7/ix (xxvi. 363); return by *New Weisstor*, 9/ix.

1877. *Col des Grands Montets* with his father (night out), 4–5/vii; *Col du Geant*, 7/viii; *Mont Chetif*, 9/viii, and *Grandes Jorasses*, 11/viii, all with Abercromby. *Schwarzberg Weissthor* with his father and J. A. Peebles-Chaplin, 21/viii; *Adler* pass with the latter, 22/viii; through the *Gorner ice-fall* without guides with Peebles-Chaplin and J. W. Hartley, 24/viii; *Lyskamm* traversed with Hartley, 25/viii; *Breithorn* from the N., 28/viii; *Rothhorn* (descent by Zinal face to *Moming* pass, by which they returned to Zermatt) with Peebles-Chaplin, 30/viii (xxx. 183); *Gabelhorn*, new route by SE. arête, with Hartley, 3/ix (viii. 399); *Weisshorn*, 1st ascent from the Schallenberg glacier with Hartley (q.v.) and H. S. Hoare, 6/ix (viii. 340, 419; xxxix. 113). He took a prominent part in the difficult task of recovering the bodies of the victims of the accident on the Lyskamm which occurred on 6/ix; see the joint letter by him and other A.C.'s, viii. 346–7, and his remarks, p. 348. The accident put an end to his mountaineering for the season.

1878. *Col de Talèfre* and 1st ascent of '3 peaks to left of Col marked 3,679 m. on Imfeld's map' (see xxv. 573 and Kurz, 2nd ed., p. 116), 2/viii; *Col du Géant*, 4/viii; attempt on *Aiguille de Grepon* with J. W. Hartley, 9/viii (x. 399–400); *Col de Miage* with E. P. and Mrs. Jackson, 14/viii; *Furggenjoch* (with same ?), 17/viii; *Nord End* with F. C. Hartley and one of the brothers Gage (his father went up *Monte Rosa*), 22/viii. 2nd passage, and 1st from Argentière to Courmayeur glacier, of *Col du Mont Dolent*, 2/ix, and *Col de Talèfre*, 1st passage from Val Ferret, 3/ix (Notes by him, ix. 236–8; xxv. 573), both with J. W. Hartley. *Mont Blanc* traversed (1st *descent* to Courmayeur by T. S. Kennedy's route), 6/ix (ix. 105); *Col du Géant*, 8/ix; 1st ascent of *Mont Maudit*, return viâ top of *Mont Blanc*, 12/ix, with H. S. Hoare (ix. 105, 170, 313).

1880. With J. Eccles and F. C. Hartley, attempt on *Aiguille de Grepon*, 17/viii (x. 400, 445); and attempt (defeated only by want of time) on *Aiguille Verte* from Charpoua glacier, 20/viii ('Pioneers', 156, 182, 231); 1st ascent of *Aiguille du Tacul* with the same and H. Pasteur, 26/viii (x. 95); 2nd ascent (after an attempt with the same party, 2/ix) of *Aiguille du Plan* with F. C. Hartley, H. S. Hoare, and J. Baumann, 4/ix (x. 452); *Petit Charmoz* with F. C. H., guideless, 9/ix.

1881. *Petit Charmoz* traversed with J. T. and W. A. Wills, 10/viii; *Col du Géant* twice, 10 and 12/ix; much bad weather.

1882. *Col des Hirondelles*, 8/viii (xxv. 573; xxvi. 229); *Col du Géant*, with J. W. Hartley, H. and Mrs. Barrett, 15/viii; *Aiguille du Midi*, 2/ix.

1883. *Col du Midi* with Mrs. E. P. Jackson and W. Pasteur, 14/viii; *Dent du Géant* with W. F. Donkin and J. T. Wills, 20/viii; *Aiguille Verte* with J. A. Hutchison, 23/viii; *Aiguille du Dru* (4th ascent and 1st direct from Montanvert), 28/viii (note by him, xi. 367; see xi. 470; C.A.F. Bull., 1883, p. 275); *Aiguille du Moine* with G. S. Barnes and F. J. Cullinan, 31/viii; *Rosenhorn* and *Dossenhorn* traversed, 20/ix.

1884. *Gspaltenhorn* with C. D. Cunningham, 18/viii; *Lauterbrunnen Breithorn* with H. S. Seymour, 25/viii. *Triftlimmi* and *Nägelisgrätli*, 1/x.

1885. With F. J. Cullinan, *Eiger*, 13/viii; *Strahlegg* and *Gross Lauteraarhorn* with Cullinan and G. FitzGerald, 17/viii; *Gross Viescherhorn* with the same, 25/viii; attempt on *Jungfraujoch* with Cullinan, 3/ix.

Paid a short visit to Grindelwald at Christmas, 1886–7, with Sir F. O. Adams and P. C. Gosset.

1887. Spent a very hard day in an attempt on the *Petit Dru* with H. S. Hoare, 31/viii; *Jungfraujoch* to Bergli hut, with same, 16/ix; *Mönch*, 17/ix ('Schw. Alp. Ztg.', v. 211).

1888. *Eigerjoch*, returning by *Mönchjoch* (with G. FitzGerald?), 23/vii. *Col du Chardonnet*, returning by *Fenêtre de Saleinaz* and *Col du Tour*, 13/viii.

1889. *Piz Roseg* with G. FitzGerald, 31/vii; *Güssfeldt Sattel* (3rd passage) with G. Grueber, 4/viii (Bernina C.G. ii. 64; Studer, iii. 144); *Piz Bernina* traversed with FitzGerald (1st complete *descent* by the N. arête and the Scharte), 8/viii (xxv. 3; Bernina C.G. ii. 92); *Biesjoch*, *Brunegghorn*, *Col des Diablons*, 29/viii; *Rothhorn* traversed, 31/viii, both with FitzGerald. *Matterhorn* from Breuil with R. F. C. Leith by P. Gussfeldt's 1887 route (1st traverse in one day from Breuil to Riffel Alp), 10/ix.

1890. With M. Holzmann, *Triftjoch*, 11/viii; *Col de la Dent Blanche*, 12/viii; *Breithorn* by N. face, 16/viii; *Moming* pass, returning over *Rothhorn*, 23/viii. *Mettelhorn* and *Wetterhorn*, 9/ix; attempt on *Wetterhorn* by Hühnergutz glacier, 15/ix; *Lauteraarjoch* and *Strahlegg*, 16/ix.

1891. *Felikjoch* (night out), 9–10/viii; with M. Holzmann, *Lysjoch*, 12/viii; *Zwillingsjoch* and *Schwarzthor*, 15/viii. *New Weissthor*, 25/viii; made an attempt with A. C. Tosswell, Christian Almer, and a second guide, to discover Almer's route with J. H. Kitson in 1871 up the Riffelhorn; it resulted in the discovery and 1st ascent of the '*Matterhorn*' *couloir*, 29/viii; *Furggengrat* traversed with G. FitzGerald and Holzmann, 1/ix; *Langenfluhjoch*, Hubel, and Mellichen glaciers and *Fee* pass (ascending *Allalinhorn* en route) with Holzmann (and FitzGerald?), 4/ix. With FitzGerald, *Jungfrau* from the Roththal by the 'Neueste [1885] Weg', descent by *Mönchjoch*, 14/ix; *Viescherjoch* and *Klein Viescherhorn*, *Agassizjoch* (W. E. D. also ascended *Agassizhorn*), and *Finsteraarjoch*, reaching the Schwarzegg at 11 p.m., 18/ix (Almer, 256–8; see also ibid., pp. xvii, xviii).

1892. *Stockhorn* from the Stockknubel and traverse of *Hochthäligrat* to Gornergrat with FitzGerald, 12/ix; *Matterhorn* traversed from N. to S. by the usual routes, 17/ix (cf. xxxv. 268); *Mischabeljoch* and partial ascent of Täschhorn, 27/ix; *Riffelhorn* (2nd ascent by *Matterhorn Couloir*) with J. P. Farrar, 3/x.

1893. *Punta Sella* (4th or 5th ascent) with Holzmann and

2nd ascent of *Punta Giordano*, 27/viii. Traverse (N. to S.) of all five summits of *Aiguille des Charmoz*, with FitzGerald and Holzmann, 5/ix ; *Petit Dru* with the same, 15/ix.

1894. *Trifthorn* traversed from Triftjoch, descent by S. face of Rothhorn, with FitzGerald and Holzmann, 21/viii ; *Alphubel* (2nd ascent by WSW. arête) with the same, 25/viii ; *Furggjoch*, Italian Cabane, 30/viii ; *Matterhorn* traversed, 31/viii.

Aiguille de Grepon traversed N. to S. (16th or 17th ascent), 19/ix (xxv. 193).

1895. *Dom*, 17/viii ; 1st traverse of *Wellenkuppe* and *Gabelhorn* (including the big gendarme), from Trift hotel to Arbenjoch, 20/viii (xxv. 195) ; to Italian Cabane by *Furggjoch*, 27/viii ; *Matterhorn* traversed, ascent by Carrel's 'Galerie', 29/viii ; *Täschhorn* and *Dom* (4th traverse of the two peaks in one day), 4/ix (xix. 487 ; see p. 113) ; *Matterhorn*, his 7th ascent, by Zmutt arête, descent to Italian Cabane, 9/ix (xxiii. 341) ; to Riffel Alp by *Furggjoch*, 10/ix ; attempt on *Bietschhorn* from S. 17/ix ; *Schmadrijoch*, 21/ix (xxx. 314) ; *Bietschhorn* by N. arête, descent by W. Grat, 23/ix ; *Lötschen* pass, 24/ix (Chr. Almer, pp. xviii–xix). See Leipzig Section Reports, No. 11, p. 39.

1896. Crossed from lower Matterhorn hut by upper plateau of the *Matterhorn* glacier (unvisited since 1865) and the Zmuttgrat to the Tiefenmatten glacier, 17/viii (xxvii. 450). *Cinque Torri*, 29/viii ; *Monte Cristallo* and *Cristalljoch*, 4/ix ; *Croda da Lago* by old route, descent by L. Sinigaglia's new northern route, 5/ix ; *Sorapiss* by Mullerweg, descent by Grohmannweg, 9/ix ; *Piz Popena* from Cristalljoch ; *Dreischusterspitze* and *Schusterplatte* traversed to Altscheiner scharte (new) ; *Kleine Zinne* by N. face, 16/ix ; *Zwölferkofel* by the Felsenring, with a variation, 17/ix ; *Elferkofel*, 1st descent to E. by O. Schuster's route, 18/ix ; *Fermedathurm*, 25/ix ; *Monte Pelmo*, 29/ix (Leipzig Section Reports, No. 13, p. 37).

1897. *Les Periades* with G. FitzGerald, 10/viii ; 1st ascent of *Le Cardinal*, 18/viii (xxv. 573 ; Kurz., 2nd ed., p. 92 ; C.A.I. Boll., 1904–5, pp. 301–5 ; Whymper, 'Chamonix' (11th ed.), p. 123) ; *Langkofel* (2nd ascent from N. and 2nd traverse, N. to S.), 27/viii ; *Fünffingerspitze* by Schusterweg, descent by N. Kamin, 30/viii ; by Schmitt-kamin descent by Daumen scharte, 2/ix ; *Grohmannspitze* by E. face and Johannis-kamin (partly new), descent by Leiterweg, 3/ix ; *Fünffingerspitze* (*a*) from Grohmann glacier by N. Daumengrat (partly new), descending by Daumen-

scharte; (*b*) up and down from Langkofeljoch (new), 6/ix (M.A.V., 1898, p. 116, quoting his account in the Langkofel hut-book; Ö.A.Z., 1898, p. 254); *Winklerthurm* traversed and *Stabelerthurm*, 9/ix; *Figlio della Rosetta*, *Cima di Cuseglio* by Wood's Kamin, 21/ix; *Delagothurm* (9th and 2nd English ascent), 25/ix; *Santnerspitze* (xxvi. 365) and *Euringerspitze*, 27/ix.

1898. *Monte Rosa*, *Hochstespitze*, *Ostspitze*, *Grenz gipfel* and *Sattel*, *Zumsteinspitze*, 14/viii; *Mominghorn* (1st traverse and 1st descent by NW. arête), 17/viii (xxxiv. 112); *Col Durand*, 19/viii; *Strahlhorn* and *Rimpfischhorn* (1st traverse of both peaks in one day), 22/viii; *Hohberghorn*, *Stecknadelhorn*, *Nadelhorn*, *Windjoch*, Saas Fee, 28/viii.

Rosetta by SW. face, 7/ix; *Cimone della Pala*, by NW. face (via Zecchini), descent by L. Darmstädter's route, 9/ix; *Pala di S. Martino*, 10/ix; *Cima della Madonna*, by Winkler-kamin, 12/ix; *Grosse Zinne* (2nd ascent direct from gap between Gr. and Kl. Zinne), 17/ix; *Croda Rossa* traversed, 21/ix; *Tofana di Mezzo* traversed (15th ascent by via Inglese), *Tofana di Fuori*, 24/ix; *Gross Glockner* traversed, by Studl weg and Hoffmann weg, 27/ix.

1899. *Piz Languard*, 30/vii; *Drei Schwestern*, 1/viii; *Piz Tschierva* traversed, 6/viii; with FitzGerald traversed the three summits of *Piz Palu*, the two *Pizzi Bellavista* and *Piz Zupo* from Diavolezza haus to Boval hut, 11/viii ('Rev. Alp.', v. 288).

Started for *Sella* pass from Mortel hut, 1.50 a.m.; *Monte di Scerscen* traversed by SW. and NE. arêtes, ascending the *Schneehaube* en route, *Piz Bernina* by SW. arête, descending over *Pizzo Bianco* to Fuorcla Prievluz, with FitzGerald, reaching Pontresina, 1 a.m., 15/viii (1st complete descent of N. arête; see Bernina C.G. ii. 92); *Ortlerspitze* traversed from Hochjoch, descent by Hintere Grat, with FitzGerald and Holzmann, 24/viii; *Königsspitze* traversed, 2nd complete ascent of Ostgrat, descent viâ Königsjoch, with FitzGerald, 26/viii; *Monte Zebru* traversed from Suldenjoch to Hochjoch, descent by Thurwieserjoch to Trafoi, with FitzGerald, who also ascended the *Thurwieserspitze*, 28/viii; *Cima Tosa* and the three summits of *Crozzon di Brenta*, from Bocca di Brenta, 4/ix; *Presanella* traversed, 7/ix; *Monte Viso*, 14/ix; *Barre des Ecrins* traversed, 22/ix. See xxvii. 122.

1900. Made a tour of the Rimpfischhorn an attempt on the N.

arête of the peak being abandoned) by *Langenfluh*, *Allalin*, and *Adler* passes, 10/viii; *Schallihorn*, new descent by N. ridge and 1st traverse, with FitzGerald, 14/viii (xx. 264; xxxiv. 113); by *Adler* pass to *Allalin* pass, returning thence over *Rimpfischhorn*; FitzGerald made the same expedition in the reverse direction, 31/viii; *Tiefenmattenjoch*, *Dent d'Hérens* by S. ridge, descent by *Col des Grandes Murailles* to Breil, 3/ix; *Breithorn*, descent by Breithorngrat (J. S. Anderson's 1884 route; 3rd passage of the Grat), 7/ix; *Balmhorn–Altels* traversed, 16/ix; *Mönch* from Wengern Alp, 21/ix (xxvi. 367–8).

1901. *Gabelhorn* traversed to Mountet hut, 20/viii; *Rothhorn* traversed, 21/viii; Riffel Alp to Arolla by *Col de Valpelline*, the *Mannje*, *Tête de Valpelline*, and *Col de Bertol*, 9/ix.

1902. *Riffelhorn*, 2nd known ascent by Josefs-kamin, 14/viii; *Breithorn*, 1st descent by N. face, 16/viii; tour of the Matterhorn by *Col Tournanche*, *Tête du Lion*, and *Furggjoch*, 23/viii; *Riffelhorn* by hard couloir from the lake, with a variation at the top, 29/viii; *Riffelhorn* descent by grat to right of couloir and up again by glacier couloir, 2/ix; *Weisshorn* from Schallijoch with FitzGerald, 4/ix (xxiii. 267); *Riffelhorn* by Matterhorn couloir (1st ascent since the jamb-stone disappeared), 8/ix; *Momingspitze* traversed from *N. Moming* pass to *Ober Schallijoch*, 1st descent to Zinal from the latter, 18/ix (xxxiv. 112); ascended N. arête of *Weisshorn* to a point 600–700 ft. below the summit; traversed *Burnaby spitze* and ascended *Bieshorn*, reaching Zinal by *Col de Tracuit*, 22/ix.

1903. *Lysjoch*, 20/viii; *Adler* pass, *Kessjenjoch*, and *Egginerjoch* to Saas Fee, 27/viii; *Fletschhorn* and *Laquinhorn* traversed, 31/viii; *Portiengrat* traversed, 2/ix; *Südlenzspitze*, *Nadelhorn*, and *Ulrichshorn* traversed (Mischabel hut to S. Niklaus), 5/ix.

1904. *Furgg-grat*, 29/viii; *Unter Gabelhorn* (new ascent), 6/ix; *Adlerhorn* and *Strahlhorn* traversed, 17/ix; *Festijoch*, *Hohberg* pass, *Dürrenhorn*, *Ried* pass (Festi hut to Saas Fee), 20/ix.

1905. *Schwarztor*, 14/viii; *Cimes Blanches* and *Theodule*, 5/viii; *Allalin* pass, *Kessjenjoch*, *Egginerhorn*, and *Mittaghorn* traversed, 19/viii; *Windjoch*, *Galen* pass, and *Galenhorn*, Randa, 22/viii. *Aiguille de Blaitière*, 5/ix. *Meije* traversed, 12/ix.

1906. *Theodulhorn* and *Furgghorn*, 13/viii; *Riffelhorn*, 1st descent of Franz-Josef's-Kamin and new traverse from foot of it, 18/viii; *Arbenjoch*, *Mont Durand*, *Col Durand* (from and to

Zmutt valley), 21/viii ; *Trifthorn, Pointe de Mountet,* returning by Rothhornjoch, 28/viii ; traverse of *Ludwigshöhe* (xxv. 193), *Schwarzhorn* and *Parrotspitze* to Sesiajoch, return to Riffel Alp, 31/viii ; *Furggjoch* to Italian hut, 3/ix ; *Matterhorn* traversed (his 7th ascent and 6th traverse) by Carrel's 'Galerie', 4/ix (xxv. 360).

1907. *Stockhorn* traversed, 9/viii ; *Breithorn,* 19/viii ; *Adler* pass and *Kessjenjoch* to Saas Fee, 23/viii ; *Weissmies* traversed, 26/viii ; *Ulrichshorn* and *Ried* pass, 28/viii ; *Aiguille de la Za,* 6/ix ; *Dent des Bouquetins,* 7/ix ; *Aiguilles Rouges d'Arolla* traversed, 9/ix ; *Petite Dent de Veisivi* traversed, 12/ix.

1908. *Furgg-grat,* 4/viii ; *Vincent Pyramide* and *Punta Giordani,* 12/viii ; *Lysjoch,* 13/viii ; *Wellenkuppe* from Triftjoch, 25/viii ; *Belvedere* (Aiguilles Rouges, Chamonix), 15/ix ; *Aiguille de Floriaz,* 18/ix.

1909. *Furgg-grat,* 6/viii ; *Cols de Valpelline, des Bouquetins,* and *d'Hérens* (from and to Zmutt valley), 14/viii. *Aiguille de la Perseverance,* 7/ix.

1910. *Rothhornjoch,* 17/viii ; *Col Durand,* 18/viii.

1911. *Breithorn,* 11/viii ; *Pointe de Zinal,* 14/viii ; *Rothhorn* from Rothhornjoch, 18/viii ; *Grand Combin* traversed (his last great expedition), 30/viii.

1912. No considerable expeditions.

1913. *Adler* pass, 4/ix.

He made 250 ascents of the *Riffelhorn* and there cannot be a single route or combination of routes on it with which he was not familiar. His 1st ascent was the traverse from the Gorner glacier of 24/vii/75 ; he returned three days later and reached the top after losing his way several times. Made an attempt to find a better route from the glacier with M. Cannon and G. W. Prothero, 21/viii/76, and was on the top when H. S. Hoare and J. W. Hartley discovered the route by the 'Glacier couloir' which thenceforth came into regular use, 1/ix/77. With this he and others rested content for some time. On the evolution of the sky-line route he throws no light, simply beginning to use the term in 1892 as though it explained itself. But meanwhile he had gone with A. C. Tosswill, Chr. Almer, and a 2nd guide, named Stähli, to try and rediscover the route by which J. H. Kitson (q.v.) and Almer made the 1st ascent from the glacier in 1871. They failed to do this, but discovered and climbed the *Matterhorn couloir,* 29/viii/1891 ; he repeated the ascent with J. P. Farrar

and E. Whymper, 30/ix/91, and on several later occasions. Made the 1st ascent direct from the lake with Chr. Klucker, 9/viii/1895, a route which, as well as the 'sky-line', he used constantly in future with variations on both. Made the 2nd ascent by the 'Josef's Kamin', with G. Fitzgerald, 14/viii/1902; the 1st ascent of the 'Franz-Josef Kamin', 31/viii/1905; and the 1st descent of the same, 18/viii/1906.

Presidential address, xxviii. 1–13. Note on the Rothhorn–Weisshorn ridge (jointly with J. P. Farrar), xxxiv. 111–14. Wrote In Memoriam notices of Sir H. Bergne, xxiv. 499–501; Daniel Maquignaz, xxv. 57 and see pp. 193–4; and Sir Maurice Holzmann (jointly with G. FitzGerald), xxv. 347–51.

Maurice de Déchy

(Dec. 1874, resigned 1915)

Born 4 Nov. 1851, Budapest.

Married 1883 Pauline Steinberg von Simonowitsch.

Educated at the Gymnasiums of Temesvar and Budapest, and the Universities of Budapest and Vienna. Studied Jurisprudence and Political Science, and at Budapest gave some time to Geology. Honorary Doctor of Philosophy and Science at the University of Kolozsvar.

Royal Commissioner for the Hungarian Ministry of Education at the International Geographical Congress at Paris, 1875, where he also arranged the exhibits of the Hungarian Karpathen-Verein in the Exhibition of United Alpine Clubs organized by the C.A.F. (cf. C.A.F. Bull., 1875, No. 4, p. 10; M.A.V., 1875, p. 189, 1876, p. 46; the account of the Congress, M.A.V., 1875, pp. 197–201, is probably his). Secretary of the International Statistical Congress at Budapest, 1876. Manager of the Educational-Apparatus Section at the World Exhibition at Paris, 1878, and wrote an official 'Exposé sur le développement (1867–77) et sur l'État actuel de l'instruction publique et des sciences à la Hongrie'.

One of the founders and an original member of Council, later Vice-President, of the Hungarian Geographical Society. Member of the National Commission for Museums and Libraries and of Acad. Sci. Budapest.

Honorary corresponding Member of the R.G.S. (1885) and of the Geographical Societies of Amsterdam, Budapest (of which he was V.-P.) and Vienna ; corresponding member of those of Paris (1889), Berlin, Rome, and St. Petersburg, Brussels, and Madrid.

Officier de l'Instruction Publique and Officier de l'Academie (France) ; Knight of the Imperial Franz Joseph Order, and Member of the Order of the Iron Crown (Austria) ; Commander of the Order of St. Anna (Russia), and of the Order of St. Michael, 2nd class (Bavaria).

At Internat. Geogr. Congress at Venice, 1881 (Ö.A.Z. iii. 77).

Awarded the special Medal of the C.A.F. at Paris Exhibition, 1900 (C.A.F. Ann. xxvii, p. 518).

Died 8 Feb. 1917.

Q. Alpine.

Member of the S.A.C., Bern section, 1872 ; of the Austrian A.V., 1868 ; Hungarian Carpathian Club (1880) ; Austrian A.C.

Honorary Member of the C.A.F. (1882) ; C.A.I. (1881) ; Siebenburgischer Karpathen-Verein (1884, M.A.V. 14, p. 47).

1869. *Piz Buin*, new descent, to Val Lavinuoz, 13/viii (E. ii. 12 ; Studer, iii. 407 ; Note by him, Z.A.V. iv. 128).

1870. 1st passage of the *Fernaujoch* or *Schaufelnieder*, 23/viii (E. ii. 387).

1871. *Dachstein*, 29/v ('Tourist', 1871, p. 300).

New Weissthor, 26/vii ; *Turlo* pass, 27/vii ; *Col d'Olen*, 28/vii ; *Lysjoch* from Gressonay, ascent of *Monte Rosa* by a variation of Digby and Heathcote's 1868 route, 29/vii. This was the 1st ascent of Monte Rosa by a party starting from the Italian side (paper 'Salita della punta più alta del Rosa (Dufourspitze) pel versante Italiano dalla Valle di Gressoney, C.A.I. Boll. viii. 181. vii. 154, 218 ; xiii. 203, 263 ; xv. 454 ; S.A.C.J. xi. 530 note ; xiii. 187 ; R.M., 1887, pp. 164–70). Zermatt to Chermontane in a day, no doubt by E. N. Buxton's route (see i. 137), next day to Courmayeur, no doubt by *Col de Fenêtre* ; *Col du Géant* to Midi hut, 7/viii ; reached the *Mur de la Cote* viâ *Mont Blanc de Tacul* and *Mont Maudit*, but was unable owing to fog to complete the ascent of Mont Blanc and descended to Chamonix, 8/viii (S.A.C.J. xiii. 187–202. See 1877). *Jungfrau* ('Tourist', 1871, p. 554).

1872. *Vertainspitze*, 5/vii ; *Königsspitze*, 6/vii ('Tourist', 1872, pp. 486–7) ; 1st ascent of the *Trafoier Eiswand*, 8/vii

(E. ii. 138); 1st passage of *Suldenerjoch* (*Payerjoch*), 12/vii (E. ii. 117); 2nd attempt on *Ortlerspitze* from *Hochjoch* and 1st ascent of the S. peak (Vorgipfel) and 3rd passage of the *Ortler* pass, 19/vii (E. ii. 85, 89); 1st ascent of *Ortlerspitze* viâ the *Sticklepleiss*, 20/vii (E. ii. 85). Paper on these expeditions, 'Aus den Ortler Alpen', Z.A.V. v. 340. *Schreckhorn*, 27/vii; 2nd ascent from *Agassizjoch* of *Finsteraarhorn*, 28, 29/vii, spending three nights out, the third involuntarily (paper, S.A.C.J. ix. 159–75).

1873. 1st passage of the *Alpeinerscharte*, 30/vi (E. iii. 636); *Cevedale* and 2nd ascent by a partly new route of the *Pallon della Mare*, 4/vii (E. ii. 262); 3rd ascent of the *Thurwieserspitze*, 7/vii (E. ii. 135). He described the two latter expeditions in a further paper, 'Aus den Ortler Alpen', Z.A.V. vi. 201. *Petersgrat*, 26/vii ('Tourist', 1873, pp. 391–2); *Matterhorn*, 30/vii ('Tourist', 1873, p. 316); *Dent Blanche* by W. A. B. Coolidge's 1871 route (xv. 66), 5/vii (paper, S.A.C.J. ix. 176–210).

1874. *Hochfeiler*, new route from Sulden, 12/vii (E. iii. 6); 1st ascent of *Schrammacherspitze*, 14/vii (E. iii. 96); 3rd ascent of *Sonklarspitze* and 1st ascent of the *Schwarzwandspitze*, 16/vii (E. iii. 364); 3rd ascent, by new routes up and down, of *Schrankogel*, 19/vii (E. iii. 433); new route up *Zuckerhütl*, 20/vii (E. ii. 387); 1st travellers' ascent of *Tiefenbachkogel*, 1st ascent and passage of *Innere Schwarze Schneide* and *Tiefenbachjoch*, 23/vii (E. ii. 295–6; Z.A.V. vii. 189); present at opening of Täschach hut, 27/vii (D.A.V. Jahrbuch, v. 41; M.A.V., 1875, p. 19); *N. Wildspitze*, new ascent and new descent viâ the *Täschachjoch* and *Oelgrubenjoch*, making en route the 1st ascent of the *Petersenspitze*, 28/vii (E. ii. 261, 274; paper, 'Von der Wildspitze nach Gepätsch', Z.A.V. vii. 229). See vii. 156–7; M.A.V., 1875, pp. 28–30. *Weiss-seejoch*, 29/vii ('Tourist', 1873, p. 34).

Hohe Tatra; 4th ascent from the Felkarthal of *Gerlachfalverspitze*, 31/viii (paper, Z.A.V. vi. 147); 1st ascent and passage of the *Hohe Viszoka* and the *Vaskapu* pass, 3/ix (paper, 'Aus der Hohe Tatra', S.A.C.J. x. 382); and 1st passages of the *Szmercsinaersattel*, 4/ix; and the *Kroprovaersattel*, 5/ix (paper on these two passes and the Vaskapu pass, 'Jahrbuch des Ung. Karpathen Vereins', ii. 83). *Lomnitzerspitze*, 7/ix ('Tourist', 1874, pp. 342, 384). M.A.V., 1875, pp. 34–6. List of expeditions, S.A.C.J. x. 673.

1875. *Presanella*, new descent by *Bocchetta del Monte Nero*,

2/ix (E. ii. 236 ; Z.A.V. vii. 97) ; *Adamello*, descent over ridge of Corni dei Confini to Val d'Avio (by 2nd passage of *Passo d'Avio*?), 4/ix (M.A.V., 1876, pp. 28–9) ; 1st ascent of the actual 'Wechtenkopf' of the *Gross Venediger* (E. iii. 137 note ; Note by him, M.A.V., 1876, p. 27). Wrote papers, 'Zur Topographie des Monterosastockes', S.A.C.J. xi. 530, and 'Zur Geschichte der Mont Blanc Ersteigungen', M.A.V., 1875, p. 149.

1876. *Trippachjoch*, 1st ascent of *Floitenspitze* and 3rd ascent of *Gross Morchner*, 13/viii (E. iii. 54, 64) ; 3rd ascent of *Thurnerkamp*, 14/viii (E. iii. 39, 43 ; viii. 161 ; M.A.V., 1876, p. 273 ; 1877, pp. 68–9).

Paper, 'Zur Geschichte der Ersteigungen des Monte Rosa', M.A.V., 1876, p. 118.

1877. *Mont Blanc* by T. S. Kennedy's route, with H. E. Burgess, 30/vii. He described the expedition and that of 8/viii/1871 in a paper 'Der Mont Blanc und seine Ersteigung von Courmayeur', S.A.C.J. xiii. 181, and read a paper before Section Austria. At S.A.C. Fête at Glarus, 21/vii (N.A.P. vi. 57).

1878. *Brèche de la Meije*, 17/vii (C.A.F. Ann. 1878, p. 29) ; 14th ascent of *Barre des Ecrins*, 19/vii (ix. 228 ; C.A.F. Ann., 1882, p. 87) ; 4th ascent of *Grande Casse*, 23/vii (C.A.F. Bull., 1882, p. 95 ; 'Rev. Alp.', xvii. 148). List of expeditions, Z.A.V. x, pt. ii, p. 68.

1879. Visited the Sikkim Himalaya with Andreas Maurer of Meiringen. This was the 1st Himalayan expedition of the kind (ix. 384 ; xii. 34 ; 'Proc. R.G.S.', i. 124). He described his programme in a letter from Darjiling, 10/iii, intended for A. Petermann who had been dead for some months (P.M., 1879, p. 189). After ten marches from Darjiling (and two beyond the last inhabited place—Jongri?) was prostrated for a week by a severe attack of fever ; continued his journey, but a second attack, two days later, compelled him to abandon it, though he struggled to carry on his meteorological observations, plant collecting, photography, and topographical sketching. Resolved not to retrace his steps through the deep malarial valleys, and struck out a new route, partly in Nepal, partly along the chain between Nepal and Sikkim. The return occupied fourteen days of great hardship ; a pass of 18,000 ft. was crossed on which the party were nearly frozen. He reached Darjiling with broken health, abandoning all his further plans. His paper (x. 1) passes very lightly over these troubles ; that in C.A.F., 1881, pp. 343–8

merely describes the surroundings of the convent of Rinchenpong and the view from it. I have not seen the papers in the 'Geogr. Rundschau', ii, pp. 11, 513–22, or in the 'Trans. of the Vienna Geogr. Soc.'.

1880. *Clariden* pass; *Steinlimmi*; *Triftlimmi*; *Weisshorn*, 17/vii ('Echo', 1880, p. 205; N.A.P., 1880, xii. 631; Ö.A.Z., 1881, p. 12; Reiseberichte, ibid., 1880, p. 239); *Moming* pass, 24/vii (N.A.P., 1880, p. 38); *Rothhorn* traversed. List of expeditions, S.A.C.J. xvi. 606.

1884. Caucasus: left Vladikavkaz, 20/vii; ascended the Ardon Valley to St. Nicolai, 21/vii; up the Zea (Ceja) valley, 22/vii; made the 1st ascent as he then supposed of *Adai Khokh*, 24/vii (xii. 110). Doubts were raised as to the identity of this peak (xiv. 57) and for many years it was supposed that the peak climbed was Khamkhaki Khokh, the Adai Khokh of Freshfield's 'Central Caucasus'. See xiv. 437, 453; xv. 522; xvi. 32. Déchy subsequently satisfied himself that he *had* ascended the Adai Khokh (see xxiii. 249; xxvi. 420), but finally the peak was identified as *Mamison Khokh* (xxix. 158). By the *Kamunta* pass to the Urukh basin, 28/vii; crossed the ridges E. and W. of the Skatikom valley to Zinago and Styr Digor, 29, 30/vii; *Shtuluvsek* (*Stulevesk*) pass to Karaul in the Cherek valley, 31/vii and 1/viii; visited the Dykhsu gorge, 2/viii; to Balkar, 3/viii; visited the Cherek gorges, 4/viii; to Bezingi, 5/viii; visited the Mishirgi glacier, 7/viii; to Chegem, 8/viii; to Uruspieh, 10, 11/viii. After much bad weather made the 2nd ascent of the W. (highest) summit of *Elbruz*, 24/viii. Made the 1st travellers' passage of the *Betsho* or *Gulski* pass, 31/viii; to Mugal, 3/ix; by the *Uguir* pass to the Ingur valley, 4/ix; *Latpari* pass, 5/ix; viâ Zageri–Alpano to Kutais, 6–8/ix. He gave a complete itinerary of the tour (xii. 89–98) and wrote a paper in three parts describing the first ten days of it, entitled, 'The First Ascent of Adai Khokh', xii. 209, 314 (this portion was read before the Club) and 493 (this portion also contains a short account of his visit to the Adai Khokh district in 1885). He wrote a paper on the Uruspieh period, 'Ascension de l'Elbrous (Minghi Tau)', C.A.F. Ann., 1884, p. 292; another on the whole tour, Ö.A.Z., 1884, p. 299; and a historical paper, 'Zur Geschichte der Ersteigungen des Elbruz', M.A.V., 1885, p. 57.

1885. Caucasus. This tour was made without mountaineering companions and was devoted to photography, surveying,

measurement of heights and glaciers, &c. Ascended the Ardon valley, 21/vii; revisited the Zea (Ceja) glacier, 22, 23/vii; by *Mamison* pass to Gurschevi, 26/vii; ascended D. W. Freshfield's 'Rhododendron Hill' (see his 'Central Caucasus', pp. 233–5), 27/vii; and a point *c.* 9,850 ft. SE. of Mamison pass, 28/vii; (apparently recrossed the Mamison and) arrived at Uruspieh, 6/viii; explored the Azau (Asau) and Terskol glaciers and the neighbouring heights; made the 1st travellers' passages of the *Jiper Azau* (*Dschiper*) pass to the Nenskra valley, 16/viii; and the *Bassa* (*Izhuat*) pass to the Nakra valley, 17/viii. Ascended the Ingur and Mulkhura valleys to Mujal; crossed to Adish and visited the Adish glacier. Made the 1st travellers' passage of the *Tuiber* (*Thuber*) pass from Mugal to Chegem, 30/viii. Returned viâ Bezingi and Naltshik to Vladikavkaz (xii. 497–502; Ö.A.Z., 1886, p. 124).

1886. Caucasus. Left Vladikavkaz 25/vi. Revisited the Zea glacier to observe signal posts placed there in 1885. Crossed the *Kamunta* pass to the Urukh, and ascended the valley to Styr Digor, 4, 5/vii; visited the neighbouring glacier valleys, 6/vii; and the Karagom glacier, 7/vii. Down the Urukh and on to Patigorsk, 8–11/vii (xiii. 41). Left Patigorsk and ascended the Podkumok river, 17/vii; crossed a pass (2,040 m.) to Chumarinsk at the junction of Kuban and Teberda rivers, 18/viii; ascended the Teberda valley; made an ascent, the first by a traveller, to the *Klukhor* pass (the natives refused to cross it), 24/vii. Crossed from the Teberda to the Dout valley, 25/vii; from Dout valley to Utshkulan, 26/vii. Explored the Ullukam valley (the natives refused to cross the pass to the Baksan valley), 27, 28/vii; crossed a pass at the head of the Khursuk valley, 30/vii; crossed the watershed between the Kuban basin and the Malka river, 31/vii; by *Kiurtiun* pass to Uruspieh, 1/viii. (He has described the tour from Patigorsk to Uruspieh in ch. xxi of Freshfield's 'Exploration of the Caucasus'.) Visited the Azau and Terskol glaciers to observe signal posts placed there in 1885 and made an expedition to the Shikildi glacier, but was obliged by the non-arrival of stores, &c., to abandon the rest of his programme and return to Vladikavkaz. Thence drove to Grosnyi, 17/viii; rode up the Chulchulai valley to Weden, 18/viii; over a pass at its head (2,625 m.) to Andi, and over a second pass (1,996 m.) to Botlich, the chief place in NW. Daghestan, 19/viii; thence viâ Chunsah to Gunib,

21–3/viii. Here he was practically forbidden to attempt to cross the main chain southwards, so drove viâ Temir Chan Shura to Petrovsk on the Caspian; went by steamer to Baku; rail to Tiflis; thence to Borshom and Abasstuman and over the mountains to Kutais.

He described the tour in a paper, Ö.A.Z., 1887, p. 223; and wrote a paper, 'Über photographischen Landschaftsaufnahmen im Allgemeinen, insbesondere im Kaukasischen Hochgebirge', M.A.V., 1887, p. 50.

1887. Caucasus. With D. W. Freshfield, travelled from Naltshik to Uruspieh, 22, 23/vii; 1st travellers' passage of the *Adyr-su* pass, 26/vii; to Mestia, 27/vii; Betsho, 28/vii; Ipari, 31/vii; to camp near Adish glacier (where he observed marks made by him in 1884), 1/viii; here a thief raided the camp and they had to return over the hills to Mugal, 2/viii. Déchy was much occupied in attempts to obtain redress, 3–5/viii. Made the 1st passage of the *Upper Zanner* pass, 7/viii; to Bezingi, 8/viii; visited the Ulluauz glacier, 10, 11/viii; to Naltschik, 12/viii. At this point he was obliged to return home (xiii. 353–70; xiv. 1–11; 'Proc. R.G.S.' (N.S.), ix. 617, 767). Paper, Ö.A.Z., 1889, p. 17.

1888. Bosnia-Herzegovina. Crossed the Ivan pass from Serajevo to the Narenta valley, 8/vi; ascended one of the peaks of the Prenj Planina (6,825 ft.), 10/vi; up the Narenta to Ulog, and viâ the Obrnje to (18/vi) Gatchko. To the Cemerno pass, 19/vi; ascended the *Vlasulja*, 20/vi; to Suha in the Sutjeska valley, 23/vi; ascended *Maglich* (7,831 ft.) by W. face, 25/vi. (He wrote papers on the tour, xiv. 417, and Ö.A.Z. x. 222, and see M.A.V., 1888, p. 202.) Returned in August, ascended *Oblek* in the Treskavica group; completed a general tour of the country (M.A.V., 1888, pp. 253–4; Ö.A.Z. x. 285; Ö.T.Z. x. 102–3).

1889. Made an ascent of the *Kesselkogel* for photographic purposes, 28/viii (Ö.A.Z. xiv. 113, and see 'Ann. Alp. Trid.', xvi). Wrote two papers on Recent Explorations in the Caucasus, M.A.V., 1889, p. 49; 1891, p. 229; lectured on the Caucasus at the Paris Congress, 9/viii/1892, and wrote a paper 'On Observations of Glacier Movements', giving some account of his own observations in the Central Caucasus in 1885–6–7, 'Proc. R.G.S.' (N.S.), xiv. 455–7.

1890. *Pic de Nethou*, 3/ix ('Bull. Soc. Ramond', xxviii. 201).

1897. Caucasus. Vladikavkaz to Grosnyi by rail; thence up the valley of the Argun river to Shatojewsk and up the Sparo–

Argun (Eastern branch); ascended the lateral Chargabe valley to its head, visited the glaciers of the Diklos massif and climbed a summit of 3,280 m., 14, 15/vii. Went up another lateral valley (Donoi), and ascended *Komito T.*, or *Datakh Kort* (14,020 ft.), 18/vii. Reached the head of the main valley and crossed the *Katchu-lam* pass to the valley of the Pirikitelian Alasan river, 21/vii; returned by the *Azunta* pass (ascending *Machkos Uta*, 12,500 ft.), 23/vii, reaching Shatil in the W. (Chanti) branch of the Argun, 24/vii. Again crossed the main chain by the *Anatoris-gele* (*c.* 8,500 ft.), 26/vii, reaching Zinkhadu in the valley of the Khevsurian Aragwa, 27/vii; returned by the *Kalatonis-gele* (*c.* 9,350 ft.), 28/vii. Crossed the *Shibu-gele* (*c.* 11,300 ft.), a lateral pass, to head of Shanchach Valley, 29/vii; and a new pass (*Inkvari* pass), believing it to be another lateral pass, but found himself in the valley of the Black Aragwa, and pushed on the same evening to Kazbek, 30/vii. Ascended *Kazbek* by D. W. Freshfield's 1868 route, 2/viii. He gave a summary account of this tour, 'Eastern Caucasus and the Kazbek Group', xviii. 544–8.

1898. Caucasus. Reached Newinnomysk by rail, and ascended the Kuban valley to Utshkulan. Went up the Ullukam valley and the Chirg Kol valley (a side valley of the Ullukam), 20/vii; ascended by the Taly Chan glacier to a saddle on the crest of the main chain, which he named the *Chirg Kol* pass (*c.* 10,930 ft.), 21/viii; returned to Utshkulan, 22/vii; went up the Utshkulan valley and the Gondarai (a side valley of the Utshkulan), 23/vii; made the 1st modern passage of the *Gondarai* pass (*c.* 9,925 ft.) across the main chain to the valley of the Gvandra, a confluent of the Klych, 24/vii; ascended the Klych valley, and recrossed the chain by the *Klukhor* pass to head of Teberda valley, 26/vii; ascended Amanaus valley; climbed a peak on the ridge between Amanaus and Alebek glaciers, 28/vii. Here the illness of his Tyrolese guide compelled him to descend the Teberda and Kuban valleys to the railway; he arrived at Vladikavkaz, 2/viii. By rail to Grosnyi, 3/viii; drove up the Chulchalai valley and by the *Kerket* pass to Botlich, 4–7/viii; went partly by the Andine Koissu river, partly over a series of spurs of the Bogos group to Tindi in the Kilia valley, 8–10/viii; explored the head of the Kilia valley and the Belemki glacier, 11, 12/viii; crossed a high spur to the Icho valley (the other principal valley of the Bogos group) and visited the Chimis glacier at its head

(the loss of his guide compelled him to forgo any climbing), 13, 14/viii; went on up the Koissu and Sabakuni valleys, crossed the main chain by the *Kodor* pass (*c.* 7,850 ft.) to Telav, 16–18/viii; returned viâ Tioneti to the main road at Ananaur, and regained Vladikavkaz, 21/viii (xix. 261).

1902. Caucasus. Reached Petrovsk by rail. Drove viâ Temir tan Shura to Gunib. Left Gunib, 14/vii; ascended the main Kara Koissu river; crossed a ridge, 2,750 m., to the Chatai branch, 16/vii; crossed the Djulty Dagh chain by the *Artshi* pass (3,361 m.) to the basin of the Samur; wished to visit the Djulty Dagh peaks but his natives refused to wait, so went down the river to Achty, 22/vii; on to Kurush, 24, 25/vii; crossed the *Gyrwa* pass (between Basardjusi and Shah Dagh, 3,094 m.), 27/vii; ascended the E. peak of *Basardjusi* by its N. arête, and went on to the W. (highest) peak (2nd ascent, by a new route), 31/vii; descended by the Jutush Dere and Shah–Nabat valleys, eastward, to Kussary and Chudat, thence by rail to Petrovsk, and westward to Armawir.

From Armawir reached the Laba valley; ascended it to Kaladshinsk, and up the W. branch (little Laba) to Umpyr; up the Umpyr valley and over the *Sakan* pass to the Great Laba; crossed the main chain by the *Zagerkar* pass, 2,325 m., ascended one of the peaks of the Zibashchi range, crossed the *Don* pass, and reached Sukum Kale on the 10th or 11th day from Kaladshinsk.

In 1905–7 he published his great work on the Caucasus (3 vols., reviewed xxiii. 248, and G.J. xxx. 427, by D. W. Freshfield) describing his seven tours, and containing the first detailed account of the last three, with over 400 illustrations, mostly from photographs taken by himself.

Wrote In Memoriam notices of Emile Rey, xviii. 36, and G. Radde, xxi. 414.

Clinton Thomas Dent

(April 1872, C. 1874–6, S. 1878–80, V.-P. 1884–6, P. 1887–9, d.m. 1912)

Born 7 Dec. 1850, Sandgate. Son of Thomas Dent and Sabina Ellen, d. of James Thomas Robarts, J.P. Brother of E. Dent.

Educated Eton; Trinity College, Cambridge (B.A., 1873; for many years Examiner in Surgery to the University; Honorary M.C., 1899); and St. George's Hospital. M.R.C.S., 1875; F.R.C.S., 1877.

Assistant Surgeon at St. George's, 1880–95; Surgeon from 1895; at the time of his death Senior Surgeon and Chairman of the Medical School Committee; was for some time joint Lecturer on Physiology, and later on Surgery, in the Medical School; also Lecturer to the Nurses of the Hospital.

For many years Surgeon, later Consulting-Surgeon, to the Belgrave Hospital for Children.

Secretary to the Royal Medical and Chirurgical Society, 1901–4; at the time of his death was President of the Surgical section of the Royal Society of Medicine; had also been Secretary and Vice-President of the Medical Society of London.

Member of the Court of Examiners (latterly Chairman) of the Royal College of Surgeons, 1902–11; Member of Council from 1903; at the time of his death was Senior Vice-President; by his early death he just missed the almost certain honour of the Presidency; Hunterian Lecturer, 1905.

For some years Surgeon to the Artists' Rifle Volunteer Corps. Went out on his own initiative to South Africa, Dec. 1899, and served as a Surgeon unattached; also acted as correspondent to the 'British Medical Journal', and wrote a series of letters on Gunshot Wounds. Honorary Lieut.-Colonel in R.A.M.C. Territorial (General Hospital) Force.

Chief Surgeon to the Metropolitan Police, 1904–12.

Translated and edited Theodore Billroth's 'Clinical Surgery', New Sydenham Soc. Publications, 1881; contributed to Heath's 'Dictionary of Practical Surgery'; on Traumatic Insanity to Tuke's 'Dictionary of Psychological Medicine' (1892); Allbutt's 'System of Medicine'; Musser and Kelly's 'System of Treatment' (1911) and Latham and English's 'System of Treatment' (1912). Also wrote many articles in the 'Transactions' of the Medical and Chirurgical Society, and other professional publications.

F.R.G.S., 1874; C. 1898–1901.

Died unmarried 26 Aug. 1912. ('Who's Who'; *The Times*; 'Brit. Med. Journ.'; In Memoriam (with portrait), xxvii. 56, by H. G. Willink; G.J. xl. 572, by D. W. Freshfield.)

A Memorial Brass was placed in the English church at Zermatt

(see xxviii. 58) and a Memorial Plaque in the Britannia Hut. A replica of the latter is in the Club rooms (xxx. 90, 343).

Q. Alpine. It included, besides the expeditions mentioned below, *Fletschhorn, Monte Rosa, Schreckhorn, Mönchjoch, Weisstor, Petersgrat.*

Member of Austrian A.C., 1879; Hon. Member, Y.R.C., S.A.C., New Zealand A.C.

1870. *Balferin*; 1st ascent of the *Sudlenzspitze* (see x. 338–9; x. 181; and below 1871).

1871. *Matterhorn*, 29/viii; *Alphubeljoch* ('Above the Snow Line', 29; Javelle, 146 note); 1st ascent of the *Portiengrat*, 7/ix (xi. 181).

In 1884 he read a paper before the Club, 'Mountaineering in the Old Style' on the *Sudlenzspitze* and the *Portiengrat*, xi. 382 (reprinted in 'Above the Snow Line', ch. i and vii. 2, and in German in Ö.A.Z., 1883, 280, 291).

1872. *Ruinette* by a partly new route (vi. 268 note; Pennine C.G., p. 42; he described the expedition in 'Above the Snow Line', ch. vii. 1); 1st ascent of the *Rothhorn* from Zermatt, 5/ix (vi. 268–74; reprinted in 'Above the Snow Line', ch. ii).

1873. Commenced his attack on the *Aiguille du Dru*, 18 and 21/viii. He read a paper before the Club on his two attempts, vii. 65; reprinted in 'Above the Snow Line', ch. iii.

1874 and 75. Made two further attempts on the *Aiguille du Dru.*

1874. *Matterhorn* with E. Dent, 2/ix.

In 1876 and 77 he was unable to visit the Alps.

1878. Made with J. O. Maund a new route up the *Bietschhorn* by the SE. arête and E. face, 24/vii (ix. 111, x. 20, xxiv. 87, xxviii. 305); he described the expedition in 'Above the Snow Line', ch. iv), and some further attempts on the *Aiguille du Dru.* With J. W. Hartley (q.v.) after two more attempts (making eighteen in all) made the 1st ascent of the *Aiguille du Dru*, 12/ix (ix. 104; C.A.F. Ann. v. 260). (He read a paper before the Club, 'The History of an Ascent of the *Aiguille du Dru*', ix. 185, on his later attempts and final ascent; reprinted in 'Above the Snow Line', ch. vi; cf. ibid., pp. 98 and 104.)

1879. Easter. Visited Kals and went up the Gaderthal to St. Vigil with J. Meurer, 11–15/iv (Ö.A.Z. i. 103), and was present at the meeting of A.A.C., 14/iii (ibid., pp. 82–3).

Made an attempt on the *Aiguille du Midi* by the N. face, with J. O. Maund; gained the ENE. arête, but, owing to bad weather, did not complete the ascent. (See x. 443. He read a paper before the Club on the expedition, 'An Old Friend with a New Face', xi. 215, reprinted in 'Above the Snow Line', ch. v; and another before the Austrian A.C. at Vienna in April 1881, 'Ein Abenteuer an der Aiguille du Midi', Ö.A.Z., 1881, p. 15.) In 1885 he published 'Above the Snow Line: Mountaineering Sketches between 1870 and 1880' (reviewed xii. 129; Ö.A.Z. vii. 50; 'Academy', xxvi. 386, by D. W. Freshfield), containing the papers mentioned above, largely recast and rewritten, and three additional chapters, including one on 'The Future of Mountaineering'.

1886. Caucasus: with W. F. Donkin arrived at Bezinghi in the W. Cherek valley, 21/viii; 1st ascent of *Gestola*, 27/viii (xiii. 116; C.A.I. Boll., 1889, p. 265). He read a paper before the Club on the expedition, entitled, 'An Ascent of Tetnu Tau', xiii. 220, and see ibid. 418); attempt of *Dychtau*, 29/vii (xii. 244). He also wrote a paper on Caucasian travel, 'Lose Blätter aus einem Kaukasischen Reisetagebuche', Ö.A.Z., 1887, p. 185.

1888. Caucasus: with W. F. Donkin and H. Fox, left Kutais, 2/viii; 1st travellers' passage of the *Lapara* pass, 6, 7/viii, to Latal in the Ingur valley; at a camp by the Gulba glacier, 9–16/viii. Dent was then obliged to return owing to ill health. See xiv. 95–7, part of a paper by him entitled 'Notes of an Expedition to the Caucasus, with Remarks on the Recent Accident' to Donkin and Fox, xiv. 94; and paper on D.'s last journey read before R.G.S. ('Proc. R.G.S.', 1889, pp. 367–9).

1889. Caucasus: with D. W. Freshfield (q.v.), C. H. Powell, and H. Woolley; an expedition made to ascertain the fate of Donkin and Fox (see above, 1888). Left Vladikavkaz, 16/vii; *Mamison* pass, 18/vii; 1st passage of the *Zea* pass, 19/vii, to St. Nikolai; crossed three passes over the N. spurs of the Adai Khokh group to the Karagom glacier, 20–3/vii; visited Freshfield's 1868 bivouac, 24/vii; crossed the *Stulee usek* pass to Karaul in the valley, 25/vii; ascended the S. side of the Ulluaus pass to the last bivouac of Donkin and Fox, 29/vii; back to Karaul, 30/viii. Dent, Freshfield, and Powell went to Balkar, 1/viii, and on to Bezingi, 2/viii; 1st passage of the *Salynan Chiran* pass to the head of the Chegem valley, 6/viii; to Chegem, 7/viii: here Dent left the others, went over a low pass

and rejoined them at Uruspieh, 9, 10/viii; he then started for home, 12/viii. He described the days 25–30/vii in a paper, 'The Search Expedition to the Caucasus', xiv. 432, and dealt with the subject more fully in a paper with the same title read before the Club, xv. 26. For the rest of the tour see Freshfield, and xiv. 436–40. Another account of the tour up to 12/viii is given by Andreas Fischer in 'Zwei Kaukasus-Expeditionen'.

1890. Skye: visited the Coolins with C. Pilkington and a large party; ascended *Sgurr-nan-Gillean* by the Pinnacle Ridge; *Blaven* by the N. face with G. Hastings, W. C. Slingsby, and H. Woolley; traversed *Sgurr Mhadaidh*, *Greadaidh*, and *Banachdich*, followed the main ridge to *Sgurr Dearg* and traversed the '*Inaccessible Pinnacle*' from W. to E. with the same, C. Pilkington, and Horace Walker; climbed *Sgurr Sgumain* from Corrie Lagan and *Sgurr Alasdair* with Hastings, Pilkington, and Woolley. He described these and some other expeditions in a paper, 'The Rocky Mountains of Skye', xv. 422–36.

1891. In the Alps with H. G. Willink: the season was devoted to collecting material for illustrations for the 'Badminton' volume on Mountaineering. See xxvii. 62.

1893. See D. W. Freshfield.

1895. Caucasus: with H. Woolley reached Styr Digor from the Ardon valley, viâ Kamunta and the *Gular* saddle, 30/vii; left a camp on the Shtulisvek pass route, crossed into the valley of the Tana glacier and bivouacked, 1/viii; 1st ascent of *Ziteli* (*Tsiteli*), 2/viii; reached Karaul by the *Shtulisvek* pass, 4/viii (xvii. 592). (He read a paper before the Club on the expedition, xix. 397. No further particulars of this tour are extant; a book entitled 'On the Verge of an Empire', which presumably would have dealt with this and earlier tours, is mentioned as 'In Preparation' in the bibliography of D. W. Freshfield's 'Exploration of the Caucasus', ii. 290, but it never appeared.)

Originated the idea of Alpine Distress Signals and was the leading member of the Sub-Committee appointed to consider and report on the subject, 1892–4 (see xvii. 151–2, and Report in Appendix to vol. xvii, and cf. 'Mountaineering' (Badminton Library), pp. 119–20). In 1894 he was present at the general meeting of D.Ö.A.V. at Munich, read a paper 'Ein Alpines Notsignal' (M.A.V., 1894, p. 205), and replied to the toast of the Alpine guests (C.A.F. Bull., 1894, pp. 239–40).

His plan was taken up and practically adopted by the Central C. of D.Ö.A.V. (see M.A.V., 1895, p. 140), and by S.A.C. (ibid., 1898, p. 23, quoting 'Alpina'). He wrote an article on the subject in the *Badminton Mag.*, 1895.

Read papers before the Club on 'Alpine Climbing, past, present, and future' (ix. 65); 'Amateurs and Professional Guides of the present day' (xii. 65); also wrote on The Alpine Court at the Liverpool Jubilee Exhibition (xiii. 337), the Alpine section of the Geographical Exhibition at Berne (xv. 571), Alpine Art in 1892 (xvi. 208) and 1894 (xvii. 213); the 100th number of the 'Alpine Journal', xiii. 497, and M. Janssen's ascent of Mont Blanc (xv. 326); review of J. Meurer and J. Rafl's 'Bergsteiger im Hochgebirge' (xvi. 529–32); and In Memoriam notices of E. P. Jackson (x. 231), W. F. Donkin (xiv. 128), C. Handfield Jones (xv. 283), J. O. Maund (xxi. 189), Marie Clausen (xxii. 309), and Alex. Burgener (xxv. 441). Presidential address, xv. 3; Speech at Jubilee Dinner, xxiv. 47–9.

Author of 'Alpine Scenery' (*Art Journal*, 1890); 'Can Mt. Everest be ascended?' (*Nineteenth Century*, 1892; see also G.J. i. 46–8); 'Mountain Photography' (*Camera Club Journal*, 1893); 'Modern Mountaineering' (*Edin. Rev.*, 1897). Part author of chapter on Mountain Travel in 'Hints to Travellers', 9th ed. (1906).

Editor of the volume on 'Mountaineering' in the Badminton Library of Sports and Pastimes (1892; reviewed xvi. 276). He wrote more than half of it, including practically all the chapters on Mountain-craft, and that on Photography.

Lectured at the Royal Institution 'On the Influence of Science on Mountaineering' (1895), and gave two juvenile lectures on 'How Mountains are made and destroyed' before the Society of Arts (1897), and at many other places on kindred subjects.

(First) President of the Association of British Members of the S.A.C., 1909–12.

Did much to develop the artistic side of the Club and to promote the Picture and Photograph Exhibitions; wrote notices on the Pictures (xvi. 74, xvii. 83); was himself an accomplished photographer, and a continuous exhibitor from 1890 to 1902; was especially interested in snow and ice formations, and obtained many of his finest effects during his numerous winter visits to the Alps, a practice which he began long before it became fashionable. See G.J. ii. 166.

Edward Dent

(Dec. 1874)

Born 22 April 1846. Brother of C. T. Dent (q.v.).

Married 1887 Mabel Penelope, d. of George Lewis Phipps Eyre.

Educated Harrow and Trinity College, Cambridge; B.A., 1869.

Merchant, London. President of the Quebec Central Railway Co. Director of the North Borneo Co., Sun Insurance Office, and Sun Life Assurance Society.

J.P. for Berkshire; High Sheriff, 1888.

F.R.G.S., 1872.

Q. Alpine.

1873. *Monte Rosa*, 4/ix, and *Cols de Valpelline* and *de Bertol*, 7 or 8/ix, with L. N. Walford (A. Pollinger).

1874. *Matterhorn* with C. T. Dent, 2/ix.

Sir Henry Neville Dering, Bart., C.B., K.C.M.G.

(July 1864, d.m. 1906)

Born 21 Sept. 1839. Fourth son of Sir Edward Cholmeley Dering, Bart., M.P., and the Hon. Jane Edwardes, d. of 2nd Lord Kensington. Succeeded his father as 9th Bart., 1896.

Married 1863 Rosa Ann, d. of Joseph Underwood.

Educated Harrow (winner of Champion Racquet).

Entered the Diplomatic Service, 1859, and remained in it 47 years. After serving as Attaché in Paris (1859), Madrid (1859–61), Vienna (1861–3), St. Petersburg, and Constantinople, was appointed 3rd Secretary of Legation at Berne, Nov. 1863, and remained there till 1866, when he was transferred to Florence, then the Italian capital. In 1869 was promoted 2nd Secretary, and went for $2\frac{1}{2}$ years to Berlin, where he had charge of all French interests during the war of 1870–1. He was for a few months at Madrid, and then at Stockholm, 1873–5. Returned in 1876 to Berlin; was Secretary to Lord Odo Russell during the Berlin Conference, 1878, and Acting Chargé d'Affaires from August to November of the same year.

Promoted to be Secretary of Legation at Buenos Ayres in 1882; was Acting Chargé d'Affaires there during most of 1883.

Secretary of Legation at St. Petersburg, 1886, and then at Rome, where he stayed for nearly four years.

Agent and Consul-General in Bulgaria, 1892–4.

Envoy extraordinary and Minister Plenipotentiary to Mexico, 1894; to Brazil, 1900–6.

C.B., 1896; K.C.M.G., 1901.

Served in the Royal East Kent Mounted Rifles, 1876–91, when he retired with the rank of Major.

Died 25 Aug. 1906. ('Who's Who'; *The Times*; &c.)

Q. Alpine.

Member of S.A.C., Bern section, 1865.

1864. *Mont Blanc*, 3/ix.

1865. Made the 2nd ascent of the *Klein Schreckhorn* ('Central Alps', p. 70. His companion, Dr. Aeby, described the expedition in 'Das Hochgebirge von Grindelwald').

Sir Kenelm Edward Digby, G.C.B.

(Feb. 1867, d.m. 1916)

Born 9 Sept. 1836, Wootton-sub-Edge. Son of Hon. and Rev. Kenelm Henry Digby, Rector of Tittleshall, Norfolk, honorary Canon of Norwich, and Caroline, d. of Edward Sheppard of Firgrove, Salop. Brother-in-law of E. N. Buxton (q.v.).

Married 1870 the Hon. Caroline Strutt, d. of 1st Baron Belper and aunt of E. L. Strutt.

Educated Harrow (Cricket XI, 1852–5; Captain, 1853–5), and Corpus Christi College, Oxford (Scholar); 1st Class in Classical Moderations, 1857; 1st Class in Literae Humaniores, 1859. University Cricket XI, 1857–8–9. President of the Union, 1861.

Fellow, 1864–70, and Tutor, of Corpus Christi College. Examiner in History, 1864–5; in Jurisprudence and for B.C.L. Degree, 1875.

Barrister (Lincoln's Inn), 1865. Vinerian Reader in Law at Oxford, 1868–74. Bencher of Lincoln's Inn, 1891. County Court Judge, Derbyshire Circuit, 1892–4. K.C., 1904.

Permanent Under-Secretary of State at the Home Office, 1895–1903. K.C.B., 1898; G.C.B., 1906.

J.P. for Derbyshire and Kent. Governor of Harrow School from 1904.

Member of Royal Commission on Venereal Diseases; and of the Committee appointed to advise on the evidence concerning the outrages committed by German troops and breaches of the laws and usages of war.

Director of the Equity and Law Life Assurance Society.

Author of 'The Sale and Transfer of Shares in Companies, with Special Reference to the Effect of Winding-up under the Companies Act 1862 upon uncompleted Transfers' (1868).

Died 21 April 1916. ('Who's Who'; *The Times*; &c.)

Q. Alpine.

1860. *Breithorn*, *c.* 25/viii (xxxi. 226).

1862. *Col d'Hérens* and 1st passage of *Col des Bouquetins*, *c.* 22/viii (i. 92), both with W. E. Hall (xxxi. 223).

1866. With F. Harrison (vol. i), *Piz Sella*; from Pontresina ascended the *Bellavista* pass, thence making the 1st certain ascent of the W. and Central (highest) summits of *Piz Palu*, descended to the Fellaria glacier and returned over the *Sella* pass the same day to Pontresina (Bernina C.G., pt. ii, 141, 143; Jacob Anderegg; S.A.C.J. vi. 242 note; Studer, iii. 155 note. See Digby's Q. and Harrison, 'Alpine Jubilee', p. 28).

1868. *Col du Geant*; *Triftjoch*; *Lysjoch* with J. Bryce, C. P. Ilbert, and R. B. Heathcote, and *Lyskamm* with Heathcote, 26/viii; *Betta Furka*, 27/viii; *Schwarzthor* and *Pollux*, 28/viii; made a new route up *Monte Rosa*, 31/viii, with Heathcote (q.v.), reaching the *Grenz Sattel* from the Grenz glacier (note by him, iv. 157; vii. 154, 218; xiii. 203, 263–4; xv. 454); *Adler* pass and *Strahlhorn* ('Alpina', 1915, p. 116).

Lord Francis William Bouverie Douglas

(Dec. 1864, d.m. 1865)

Born 8 Feb. 1847. Second son of Archibald William, 7th Marquess of Queensberry and Caroline Margaret, d. of General Sir William Robert Clayton, Bart.

Educated Edinburgh Academy and Eton. Passed 1st in the examination for the Army, 1865.

Died 14 July 1865. See below.

Q. Alpine.

1863. Zinal to S. Niklaus by *Col de Tracuit* (2nd passage by

travellers (?), see Studer, ii. 536–8) and 1st passage of the *Brunegg-joch*. This expedition, described in Q. as 'new pass (Zinal to S. Nicolas)', seems to have been forgotten (see Pennine C.G. 119); but it is recognized by J. Ball, 'Western Alps', p. 307.

1864. Made the 2nd ascent of *Monte Antelao* with F. L. Latham, 8/ix (i. 437; E. iii. 471); pass from Floitenthal to Stillupthal, S. of the Tristner (P.M., 1865, p. 214).

1865. *Wetterhorn*; *Mönchjoch*, 24/vi (xxxii. 82 and 231; Maclean, 22). Made the 1st ascent of the *Trifthorn*, 2/vii (Studer, iii. 489); and two attempts on the *Gabelhorn* from Zermatt; in the course of the 1st made the 1st ascent of the *Unter Gabelhorn*; the 2nd resulted in the 1st ascent of the then unnamed *Wellenkuppe*; an attempt to follow the arête leading from that peak to the *Gabelhorn* was unsuccessful (ii. 221; xxxii. 25; Maclean, 21–3, 27). Crossed the *Trijtjoch* to Zinal, and saw A. W. Moore's party on the summit of the Gabelhorn, 6/vii (see his entry in Zinal Hotel book, quoted in part, Studer, ii. 387, and xxxii. 25, and more fully, 'Echo des Alpes', 1873, p. 105; cf. xxviii. 278).

Made the 2nd ascent of the *Gabelhorn*, traversing it from Zinal to Zermatt, 7/vii (ii. 133, 222). Crossed the *Theodule*, 11/vii, to Breuil, where he met E. Whymper (q.v.), and it was arranged that he should take part in Whymper's attack on the Matterhorn. (Whymper, 381–2). They recrossed the *Theodule*, 12/vii, and with C. Hudson and Douglas Robert Hadow made the 1st ascent of the *Matterhorn*, 14/vii. Lord F. Douglas, Hudson, and Hadow, and the guide Michel Croz were killed in the accident which occurred on the descent (ii. 148; xxxiii. 234–50; Whymper, ch. xxi, &c.).

Richard Durnford

(March 1867, resigned 1891)

Born 28 June 1843. Son of Right Rev. Richard Durnford, Bishop of Chichester (D.N.B.) and Emma, d. of John Keate, Head Master of Eton (D.N.B.).

Married 1884 Beatrice Mary, d. of Prideaux Selby of Northumberland.

Educated Eton; King's College, Cambridge (Scholar). Camden Medallist, 1864; B.A., 2nd Classic, 1865. Represented the

University v. Oxford in Double Tennis, 1865. Fellow of King's College, 1866.

Barrister (Inner Temple), 1869.

Private Secretary to the Lord President of the Council (Duke of Richmond), 1875–7.

Assistant Charity Commissioner, 1877–1900; Secretary to the Charity Commission for England and Wales, 1900–8. C.B., 1908. J.P. for Hants.

Q. Alpine.

1866. See F. H. Cheetham.

1874. Made the 2nd (and 1st English) ascent by the W. arête of the *Grand Combin*, his route being in part new, 27/viii (vii. 265; Pennine C.G. 14. 5).

1875. *Weisshorn*, *Fletschjoch*, *Alphubel* (Al. Pollinger); new route up *Gross Nesthorn*, 27/viii (viii. 326), all with T. A. H. Hamond.

James Eccles

(June 1874, C. 1881–3, d.m. 1915)

Born 11 April 1838. Son of Edward Eccles of Liverpool and Mary, d. of James Pilkington of Blackburn. Brother-in-law of G. Loppé.

Married 1863 Mary Louisa, d. of Thomas Wilson, of Spital, Cheshire.

Educated University College School and University College, London. Matriculated, 1854; B.A. London University, 1856.

J.P. for Lancashire. F.G.S.

Died 6 June 1915. (In Memoriam, with portrait, by J. P. Farrar and T. G. Bonney, xxx. 198–201.)

Q. Alpine.

1865. *Mont Blanc.*

1869. The 1st attempt on the *Aiguille du Plan* (x. 451); *Mont Blanc*; high level route; 15th or 16th ascent (the 8th or 9th from Breuil) of the *Matterhorn*, 20/vii (R.M. i. 47).

1870. 1st passages of the *Col dit 'Infranchissable'* (v. 278); the *Col de Toule*, 4/viii; and the *Col des Flambeaux* (Kurz, p. 79; 'Pioneers', p. 178).

1871. 1st ascent of the *Aiguille du Plan* (x. 451) early July.

An early attempt on the Fuorcla *Tschierva-Scerscen* is mentioned in Bernina C. G. ii. 62, but the year is not given.

1873. 1st ascent of W. summit of the *Petites Aiguilles du Triolet*, 10/viii (Kurz, p. 55); *Mont Blanc* with G. Loppé and L. Stephen; 1st ascent (and traverse from Chamonix to Courmayeur) of the *Aiguille de Rochefort*, 14/viii (Kurz, p. 68; 'Pioneers', p. 178); *Lauteraarjoch*; *Jungfrau* (Almer, 183).

1875. Crossed the *Col de l'Aiguille du Plan*; reconnoitred his 1877 route up Mont Blanc (viii. 409–11; 'Annals', p. 216). With T. Middlemore *Brèche de la Meije*, 7th passage, 12/vii (C.A.F. Ann., 1878, p. 29); attempt on the *Pic Central* of the *Meije*, 14/vii (viii. 197).

1876. Made a winter attempt on *Mont Blanc* with G. Loppé reaching the *Grand Plateau*, 20/i (vii. 437; C.A.I. Boll. xiii. 258; 'Echo', 1876, p. 20).

1877. 1st passage of the *Col de Rochfort*, 10/vii; 3rd passage, with a variation, of the *Col de Trelatête*, 12/vii ('Pioneers', 179); and a new route up *Mont Blanc* by the Brouillard and Fresnay glaciers, including the 1st ascent of *Mont Blanc de Courmayeur*, 31/vii (viii. 337; 'Annals', 217. He read a paper before the Club on these expeditions, 'An Ascent of Mont Blanc by the Broglia and Fresnay Glaciers', viii. 409).

1878. Rocky Mountains, U.S.A.; Visited Colorado and Utah; joined Dr. Hayden, the Government Surveyor at Cheyenne; with Dr. H.'s party left Point of Rocks station, 25/vii, and travelled N. with a pack-train to the Wind River Range, ascending *Wind River Peak* (13,400 ft.), 1/viii, and *Fremont's Peak*, the highest point of the range (13,780 ft.) 7/viii, passed through the Grosventre Range by the Hoback River Cañon 12/viii; reached and followed the Snake R., skirting the Teton range, and entered the Yellowstone National Park, 22/viii. Accompanied Dr. Hayden on his survey of the volcanic district of the Park. He read a paper before the Club on the trip (ix. 241), and wrote a paper 'On the Mode of Occurrence of some of the volcanic rocks of Montana.' 'Q.J. of Geol. Soc.', xxxvii (1881, pp. 399–401).

1880. Made the 1st ascent of the *Aiguille du Tacul* with W. E. Davidson, F. C. Hartley, and H. Pasteur, descending by another route to the *Glacier des Periades* with Pasteur, 6/viii (x. 95). With Davidson and Hartley made attempts on the *Aiguille des Charmoz* (x. 400, 445; R.M., 1894, p. 219); and an attempt,

only just frustrated by bad weather, on the *Aiguille Verte* from the Charpoua glacier (' Pioneers ', 156, 182, 231).

1881. *Rossbodenhorn* by a new route, 11/vii (x. 405, 490); had his first spell of combined geology and mountaineering with T. G. Bonney (see vol. i), with whom he ascended *Monte Leone* (xxx. 200); 1st ascent of the *Dome de Rochefort*, 12/viii (x. 405). Made a winter ascent of the *Wetterhorn*, 7/xii (x. 418; C.A.F. Bull., 1882, p. 50).

1888. Read a paper before the Club on ' Some Effects of Lightning on Crystalline Rocks ', xiv. 118.

1889. Long geological campaign in the Lepontines with Bonney, ending with an ascent of the *Ofenhorn* and a visit to Zermatt.

1890. Made partly new routes up and down *Piz Cherbadung* (Lepontine C.G. 28; Studer, iii. 22).

1891. Again with Bonney: *Nufenenstock* by a difficult route; by *Kessjenjoch* and a pass over the Hinter-Allalin ridge, W. of pt. 3,077 m., to pt. 3,150 m., returning by *Hinter Allalin* pass (see *Phil. Mag.*, 1892, p. 238 note).

In 1895 joined Bonney in B.'s last expedition above the snow-line, an ascent of the *Diablons* (cf. ' Alpina ', 1915, p. 129), and was again geologizing with him in 1896.

Wrote the biographical sketches of Michel and Alphonse Payot in ' Pioneers of the Alps '.

Eccles was one of the most accomplished and artistic Alpine photographers in the Club; he exhibited at most of the exhibitions from 1890 to 1899, when he presented, by request, his view ' On the Glacier d'Orny ' to the Club (xix. 478). A large number of his slides and negatives were presented to the Club, after his death, by Mrs. Eccles.

Ernest Edwards

(Feb. 1867, resigned 1869)

Born ? Son of Rev. Joseph Edwards of Barrow-upon-Trent.

Married 1862 Charlotte, d. of William Cottee of Grimsby.

Educated Peterhouse, Cambridge; B.A., 1863.

A professional photographer.

Went to America and disappeared; in 1907 his family had not heard of him for twenty years.

Q. Artistic photography : Lauteraarjoch.

1865. Was the photographic companion of the tour described by H. B. George in 'The Oberland and its Glaciers'. Crossed the *Lauteraarjoch* with George and A. Mortimer (iv. 403). Contributed 28 photographic illustrations to the book ; also published additional 'Views and Ice Studies in the Bernese Oberland'.

A photograph by him of the Jungfrau from the Steinberg Alp appears, ii. 161.

Right Rev. Charles John Ellicott

(Dec. 1871, resigned 1904)

Born 25 April 1819, Whitwell, near Stamford. Son of Rev. Charles Spencer Ellicott, Rector of Whitwell, and Ellen, d. of John Jones.

Married 1848 Constantia Anne, d. of Admiral Alexander Becher.

Educated Oakham and Stamford Grammar Schools, and St. John's College, Cambridge (Scholar) ; Bell University Scholar, 1838 ; Senior Optime and 2nd in the 2nd Class in the Classical Tripos, 1841. It is said that he was 1st in the examination for the Chancellor's Medals, but that the Vice-Chancellor objected to the Medal being awarded to a 2nd class man ; no medals were in fact awarded in 1841. 1st Member's Prize, 1842 ; Hulsean Prize, 1843 (for an essay on 'The History and Obligation of the Sabbath').

Treasurer and President of the Union, 1839.

Fellow of St. John's College, 1845–8 ; Honorary Fellow, 1894. Honorary D.D. Oxford, 1885.

Read with pupils at Cambridge for some time after taking his degree. H.O., 1846. Rector of Pilton, Rutlandshire, 1848–58. During this period he published a 'Treatise on Analytical Statics', 1851 ; 'The Destiny of the Creature, and other Sermons preached before the University of Cambridge', 1858 ; Critical and Grammatical Commentaries on the Epistles to the Galatians, (1854), Ephesians (1855), Philippians, Colossians, Thessalonians, Philemon, and the Pastoral Epistles (1855–8). A companion volume on 1st Corinthians appeared 1887.

Professor of Divinity at King's College, London, 1859–61 ; Hulsean Lecturer at Cambridge, 1859. He published his lectures

under the title of 'Historical Lectures on the Life of Our Lord Jesus Christ' (1860, 5th edition 1869).

Hulsean Professor of Divinity, 1860. In Feb. 1860 he was severely injured in a railway accident near Tottenham, one of his legs being badly broken.

Dean of Exeter, 1861–3.

Wrote an article on 'Scripture and its interpretation' in Archbishop Thompson's 'Aids to Faith' (1861), a reply to Jowett's article in 'Essays and Reviews'.

Bishop of Gloucester and Bristol, 1863–97. In 1897 the two sees were separated; he remained Bishop of Gloucester till 25 March 1905. Member of Royal Commission on Ritual and Rubrics, 1867–70. In 1868 Disraeli strongly urged his appointment to the Archbishopric of Canterbury. In 1870 he published 'Considerations on the Revision of the English Version of the New Testament' (a subject which he had been interested in for many years) and became Chairman of the Company of Revisers, attending 405 out of 407 of their meetings (1870–81); the New Testament was completed 1881, the Apocrypha 1896, the marginal references 1899. He gave a popular account of the undertaking in 'Addresses on the Revised Version' (1901). In 1891 he published 'Christus Comprobator: testimony of Christ to the Old Testament', a reply to 'Lux Mundi'. Also published 'Modern Unbelief: its principles and characteristics', 1877; 'Some Present Dangers to the Church of England', 1878; 'Six Addresses on the Being of God', 1879; 'Are we to modify Fundamental Doctrines?' 1885; 'Spiritual Needs in Country Parishes', 1888; 'Salutary Doctrine', 1890; 'Foundations of Sacred Study', 1894; 'Our Reformed Church and its present Troubles', 1897; and was editor of 'A New Testament Commentary for English Readers' (3 vols., 1878–9), and a similar Old Testament Commentary (5 vols., 1882–4).

Died 5 Oct. 1905. (D.N.B.; M. and W.; 'Who's Who'; *The Times*; 'The Eagle'; In Memoriam, xxiii. 57, by A. Fairbanks.)

Q. Alpine.

Rev. Julius Marshall Elliott

(Feb. 1869, d.m. 1869)

Born 24 Oct. 1841, Brighton. Son of Rev. Henry Venn Elliott (D.N.B.) and Julia Ann, d. of John Marshall of Hallsteads, Ulleswater.

Educated Brighton College (see H. J. S. Cotton's 'Indian and Home Memories', pp. 24–5) and Trinity College, Cambridge; B.A., 1863.

H.O., 1865. Curate at Pluckley, Kent, 1865–6. In 1866 succeeded his father as Incumbent of St. Mary's Chapel, Brighton, and held that position till his death.

Died 27 July 1869, see below. (A memoir of him was privately printed in 1870 and reprinted in the 3rd edition of Jonah Bateman's Life of his father.)

Q. Alpine.

1863. Discovered the 'Slab and Notch' route (now the ordinary one) up the *Pillar Rock*, with A. J. Butler and others (C.C.J. viii. 3; Haskett Smith, 124).

1864. Starting from Wastdale Head walked over Sca Fell, Mickledore, Sca Fell Pikes, Great End, Great Gable, Kirk Fell, the Pillar, the Steeple, and Yewbarrow, returning to Wastdale Head in 8½ hours (Haskett Smith, p. 107; cf. Y.R.C.J. i. 309; *Cornhill Mag.*, April 1889, p. 507).

1866. *Cols de la Tête Blanche* and *de Collon*; *Col du Tour* (F. Biener).

1867. *Col du Géant*; *Monte Rosa*; *Mont Blanc*; *Jungfrau* (F. Biener).

1868. *Galenstock*; *Strahlegg*; *Wetterhorn*; *Mönchjoch* and *Mönch*; *Finsteraarhorn*; *Alphubel* and *Alphubeljoch*; *Dom* with R. B. Heathcote; *Weisshorn* (see xxxi. 257). 6th ascent and the 2nd from Zermatt, of the *Matterhorn*, 28/vii (iv. 158; Coolidge, 'The Alps in Nature and History', p. 240). He wrote a paper on the expedition which was printed in the Memoir mentioned above.

His Q. also includes the *Lyskamm*, *Oberaarjoch*, and a 2nd passage of the *Col du Géant*.

1869. *Titlis* by a new route; killed on the *Schreckhorn*, 27/vii (iv. 373).

William Esson, F.R.S.

(Dec. 1867, d.m. 1916)

Born 17 May 1838, Carnoustie. Son of William Esson.

Married 1872 Eliza, d. of Rev. James Meek, of Carnoustie.

Educated Inverness Royal Academy, Cheltenham Grammar School, and St. John's College, Oxford (Bible Clerk); 2nd Class in Classical, and 1st Class in Mathematical Moderations, 1856; Junior Mathematical Scholar, 1857; 2nd Class in Literae Humaniores, 1858; 1st Class in Mathematical Greats, 1859; Senior Mathematical Scholar, 1860.

Fellow of Merton College, 1860–97; Mathematical Lecturer and Tutor, 1865; Tutor at Magdalen College, 1866–86. Lecturer at Worcester College, 1869–73; at Corpus, 1873–84 (Tutor, 1873–83); at Hertford, 1883.

Mathematical Moderator nine times from 1864 to 86; Mathematical Examiner eight times from 1865 to 88.

For many years Curator of the University Chest and Estates Bursar of Merton College. Deputy Savilian Professor of Geometry, 1894–7; Professor, and Fellow of New College, 1897–1916.

F.R.A.S., 1863; F.R.S., 1869; F.C.S.

Author of 'The Laws of Connexion between the Conditions of Chemical Change and its Amount', *Trans. Roy. Soc.*, 1865, 66, 95; 'Notes on Synthetic Geometry', *Proc. London Mathematical Soc.*, 1897.

A Delegate of Local Examinations, and for a time a Delegate for the Examination and Inspection of Schools. Appointed a Visitor of the University Observatory shortly after its establishment; at the first meeting of the Visitors was elected their Secretary, and held that office till his death.

Died 25 Aug. 1916. ('Who's Who'; *The Times*; *Jnl. of Roy. Astronom. Soc.*)

Q. Alpine.

1867. See J. R. Thursfield.

Lucas Ewbank

(Feb. 1874, d.m. 1916)

Born 1835 or 36. Son of Henry Ewbank.

Educated Tonbridge School (Cricket XI) and Clare College, Cambridge; 13th Wrangler, 1857.

Fellow of Clare College, 1858. Served for a short time in India in the Education Department, then returned to Cambridge, where he spent the rest of his life. Mathematical Lecturer at Clare College, 1864–78; Deputy Bursar, 1863–79; Bursar, 1880–95.

A good all-round athlete, skater, and fisherman. Helped to build the Clare and Trinity tennis courts, and to lay out the Clare and King's cricket and football grounds.

Died unmarried 17 May 1916, aged 80. (*The Times.*)

Q. Alpine.

1872. *Finsteraarhorn* with R. Burn, 27/viii (Joh. Fischer).

1873. *Weisshorn*, 31/vii (A. Pollinger); *Matterhorn*, 10/viii.

1874. *Altels* and *Balmhorn* traversed, presumably by the new route made by Herr Löhnert the previous day, 9/vii (xxx. 308; Bernese C.G. i. 4).

George Edward Briscoe Eyre

(31 March 1868, d.m. 1922)

Born 22 Nov. 1840. Son of George Edward Eyre of Warrens, Lyndhurst, J.P., Recorder of Romsey, and Penelope Ann Sophia, d. of Rev. James Eyre.

Married 1873 Mary Mildred, d. of Rev. William Upton Richards, Vicar of All Saints', Margaret Street, London.

Educated Harrow (founded School Musical Prizes, 1877) and Balliol College, Oxford; 2nd Class in Classical Moderations, 1861; B.A., 1863.

Travelled in U.S.A. (present at the attack on Richmond by General U. S. Grant), 1864; and in Argentina, Chile, Peru, and Bolivia, 1866. Wrote an article on his experiences at Richmond in *Fraser's Magazine*, 1865.

Partner in the firm of Eyre and Spottiswoode; later, Chairman of Eyre and Spottiswoode, Ltd., King's Printers and Government Booksellers (King's Printer since 1880), of Eyre and Spottiswoode (Bible Warehousemen), Ltd., and *The Sphere and Tatler*, Ltd. Master of the Stationers' Company, 1912. Designed and edited the first Teachers' Bible, 1875, and during twenty-eight years developed it to a climax in the Variorum Illustrated Edition, accepted as the most comprehensive edition of the Authorized Version ever attempted.

Was keenly interested in the work of the Commons Preservation Society, and particularly in the maintenance of commoners' rights in the New Forest, of which his grandfather, George Eyre, had been a verderer. Wrote an article on 'the New Forest' in the *Fortnightly Review*, 1871. Opened and managed in London a loan Exhibition of pictures illustrative of the New Forest, 1875. Took a leading part in the proceedings which led to the passing of the New Forest Act, 1876, and headed the poll at the first election of Verderers under the same Act, 1877.

Commenced the development of Small Holdings in a district in the New Forest, 1880, of which the general results were summarized in Miss Jebb's Report on the Small Holdings of England, 1907.

Read a paper on 'Cottages and open wastes in the district of the New Forest' before the Economic Science section of the British Association at Southampton, 1882.

Succeeded his father at Warrens, 1887. J.P. for Wilts and Hants. Lieutenant in Wilts. Yeomanry, 1865–84.

Died 19 Feb. 1922. ('Balliol Register'; *The Times*.)

Q. 'Three times over the Andes: highest pass about 17,000 ft.'

Rev. Arthur Fairbanks

(Feb. 1873, d.m. 1916)

Born 5 Aug. 1849. Son of Rev. J. H. Fairbanks, of Luton, Chatham. Brother of W. Fairbanks (q.v.).

Educated Clare College, Cambridge; B.A., 1873.

H.O., 1873. Curate of Bramfield, Herts., 1873–7; Chaplain at Stockholm, 1877–8; Assistant Chaplain at Nice, 1878–81; Curate of St. Peter's, Eaton Square, 1881–1913.

Died unmarried 25 Nov. 1916. (In Memoriam, by J. Stogdon, xxxi. 103.)

Q. Alpine.

First visited the Alps 1868, and spent 45 summers in the mountains, sometimes staying from May to September; his usual centre was the Bel Alp, and by constant practice on the neighbouring glaciers he developed exceptional skill in dealing with ice difficulties. 'He was fond of introducing people to the

ice world and well knew how to help the trembling steps of a novice.' In 1869 he met J. Stogdon at the Bel Alp and they made a few expeditions alone together. In 1871 Stogdon joined him there again and they 'went to work more seriously', exploring all round the Bel Alp. Stogdon's details (xxx. 151–2) are a little vague, and he seems to be wrong in mentioning the Unterbachhorn and Griesighorn (which I take to be the Gisighorn), or he may be confusing 1871 and 1872.

1872. Made guideless ascents of the *Gross Nesthorn* and *Aletschhorn* with Stogdon; 2nd passage of the *Birgesch* pass with Miss Brevoort and W. A. B. Coolidge, guideless, 23/viii (Bernese C.G. i. 93); 1st recorded ascent of the *Gisighorn* with Miss Brevoort, guideless, 26/viii (ibid., p. 92); with Miss Brevoort and Coolidge 1st ascent of the *Unterbachhorn*, 2/ix; *Agassizjoch* (1st passage from Faulberg to Finsteraarjoch), 7/ix; *Wetterhorn*, 11/ix; bivouacked on saddle between Wetterhorn and Mittelhorn; *Mittelhorn*, 12/ix; *Gspaltenhorn*; *Doldenhorn*, 18/ix.

1873. See J. Stogdon.

1875. *Matterhorn* with W. Fairbanks, 11/viii (see viii. 255).

1876. *Weisshorn*, *Rothhorn*, *Dent Blanche*, with W. Fairbanks and M. A. Bayfield, 14–19/viii (A. Pollinger).

1883. See R. M. Beachcroft.

Wrote an In Memoriam notice of C. J. Ellicott, xxiii. 57. Author of 'Notes on the Bel Alp' (xxx. 343).

Walter Fairbanks

(April 1876, d.m. 1924)

Born 13 April 1852, Luton, near Chatham. Brother of A. Fairbanks (q.v.).

Educated Clifton (Captain of the Cricket XI) and Clare College, Cambridge (Scholar); 2nd Class in the Classical Tripos, 1875.

Played in the University Rugby Football XV v. Oxford, 1874, and on two occasions in 1875 played in the University Cricket XI.

Assistant Master at Clifton, 1875–96. Played in the Gloucestershire Cricket XI, 1877–85. Soon after leaving Clifton went to America, and about 1899 settled in Denver, Colorado, which was his home for 25 years. Here he became Secretary to an orphanage and was associated with Dean Hart of Denver Cathedral in Church work. After the War he collected a large sum for Lord

Roberts's Workshops. During this period he had a career of remarkable success as a golfer ; published a small work on Golf, and as ' Forty Holes ' Fairbanks (in allusion to an extraordinary match played by him about 1900) was a household word in golfing circles throughout the U.S. His outstanding successes were the following : he was Champion of Colorado 1902, 03, 04, 05 ; of S. California 1901, 03, 05 ; of the Pacific Coast 1902 ; of S. Florida 1908, 09, 10, 13, 19 ; winner of the Apawamis senior Championship tournament 1913 ; winner of the President's Trophy at the Palm Beach Golf Club 1908 ; returned the best amateur score in the Florida Open Championship, 1910 ; most striking of all, finished 2nd in the Florida Open Championship in 1902, being beaten by one stroke by Willie Anderson, a well-known professional.

Returned to England early in 1924, intended to reside there permanently.

Died unmarried 25 Aug. 1924.

Q. Alpine.

1875 and 1876. See A. Fairbanks.

1886. *Mönch* from the Wengern Alp with T. P. H. Jose, 13/ix, an expedition which had not been made for seven years (xiii. 128) and was not repeated till 1894 (xvii. 452).

1888. *Gabelhorn*, 7/ix (A. Pollinger).

Charles Edward Farmer

(Feb. 1876, resigned 1885)

Born 26 May 1847. Son of William Francis Gamul Farmer of Nonsuch Park, Surrey, and Matilda, d. of Robert Wilkinson.

Married Emily Anne, d. of Canon Edward John Randolph, Rector of Dunnington, York.

Educated Eton.

Clerk in the Chancery Registrars' Office of the High Court of Justice. A Registrar 1890 ; for some years Senior Registrar.

Has served on the Committees of the M.C.C., the Free Foresters and Eton Ramblers Cricket Clubs, the Football Association, and the All England Lawn Tennis Club.

Was for ten years on the Board of the Great Northern Central Hospital, and the Hospital for Sick Children in Great Ormond

Street; Chairman of the Board of Management of the British Lying-in Hospital, Endell Street, till 1913.

Q. Alpine.
1877. See G. H. Hodgson.

John Finlaison

(Dec. 1865, resigned 1880)

Born 1838 or 39. Son of John Finlaison, statistician and government actuary (D.N.B.), and Eliza, d. of Thomas Davis of Waltham Abbey.

Educated Jesus College, Cambridge; Senior Optime, 1861.

Barrister (Lincoln's Inn), 1865.

Author of 'Remarks on Waste Lands'.

Died 18—.

1864. *Jungfraujoch*; 2nd ascent, by a new route, of the *Dent Blanche*, 11/ix (he wrote a paper on the expedition, ii. 292; see ii. 368, xv. 64). *Mont Blanc*, 21/ix.

John Douglas Finney

(Dec. 1867, d.m. 1891)

Born 1842, Kensington. Son of John Douglas Finney, Attorney-at-Law, of London and Old Charlton, Kent, and Charlotte Chisholm.

Married 1873 Alice Lloyd, d. of William Barwick Hodge, of the Elms, Taunton.

Educated Clapham Rise School and Caius College, Cambridge; 1st Senior Optime, 1865. Captain of the College Boat Club, 1864.

Barrister, Inner Temple, 1866. Agent to the Law Courts Branch of the Bank of England.

Died 17 May 1891.

Q. Alps, 1866–7.
1866. See H. Preston Thomas.
1867. With F. A. Lewin, *Ortler spitze*, 30/viii (D.A.V. Jahrbuch; 'Tourist', 1871); and 2nd passage of the *Hochjoch* and 3rd ascent (the 1st from Sulden) of *Monte Zebru*, 2/ix (E. ii. 104).
1880. *Matterhorn* with Mrs. Finney, 29/vii (Hut book).

Rev. Frederick Chambers Fitton

(Dec. 1866, resigned 1868)

Born 1833 or 34. Son of William Henry Fitton, F.R.S. (see D.N.B.) and Miss James.

Educated Eton and Emmanuel College, Cambridge; Junior Optime, 1857.

H.O., 1858. Curate of Freshwater, Isle of Wight, 1858–61; Richmond, Surrey, 1862–3; Bagshot, Surrey, 1863–71; Holy Trinity, Winchester, 1871; Worting, Hants, 1872. Rector of Laverstoke S. Mary, with Freefolk, Hants, 1873–84.

Author of 'The Discipline of the Senses, Five Addresses for Lent'.

Died 24 Oct. 1884, aged 50.

Q. Alpine.

1857. 1st passage of the *Langtaufererjoch*, between 4 and 8/ix (E. ii. 344; cf. 'Tourist', 1869, p. 300).

1864. *Mont Blanc*, 2/viii.

1865. 2nd ascent of the *Pigne d'Arolla*, with F. M. and J. E. Millard, 16/viii (Larden's 'Arolla', p. 66; Studer, 1st edition, ii. 276), after two attempts on 6 and 8/viii (O.V.B.).

1866. *Cols du Tour* and *de Sonadon*; *Col du Mont Rouge* with 3rd (and 1st English) ascent of *Mont Blanc de Seilon*, descending by Col de Seillon to Arolla, 18/vii (ii. 364; see Pennine C.G., 40 note; Larden's 'Arolla', p. 57); *Cols de Collon* and *de la Tête Blanche* to Zermatt; *Monte Rosa*, 21/vii (O.V.B.).

The Hon. Gerald FitzGerald

(May 1876)

Born 12 Aug. 1849. Son of John David, Lord FitzGerald, Lord of Appeal, and Rose, d. of John Donohoe.

Educated Trinity College, Dublin; B.A., 1869.

Barrister (Ireland), 1871. County Court Judge and Chairman of Quarter Sessions, 1886–90. Q.C., 1892.

Land Commissioner in Ireland, 1890; Judicial Commissioner in the Irish Land Court, from 1903.

Q. Alpine.

1877. *Matterhorn*, 25/viii.

1878. Made a variation in the ascent of the *Jungfrau* from the Wengern Alp with J. Baumann and G. F. Vernon, 18/viii (ix. 112); *Täschhorn*, 1st ascent from the Domjoch, with F. J. Cullinan, 2/ix (ix. 109). Attended the International Alpine Congress at Paris (C.A.I. Boll. xiii. 269).

1879. With J. Baumann and F. J. Cullinan *Col de Miage*; *Col de Talefre*; *Aiguille du Midi*, 19/viii (C.A.I. Boll. xiii. 584); and 1st ascent of the *Aiguille de Talefre*, 25/viii (ix. 364; x. 25). With P. Watson *Mont Blanc* by Mt. Blanc glacier, 1/ix; *Col du Tour*, *Fenêtre de Saleinaz*, and *Col du Chardonnet* (see v. 295), 3/ix (C.A.I. Boll. xiv. 164).

1881. *Dent d'Hérens*, 2nd ascent by NW. arête, 15/viii (x. 358); with J. Heelis, 3rd recorded ascent, by a new route by N. arête, of the *Wellenkuppe*, 22/viii (x. 359).

1885. *Strahlegg* and *Gross Lauteraarhorn* with W. E. Davidson and F. J. Cullinan, 17/viii; *Lauteraarjoch*, 18/viii, and *Gspaltenhorn*, 20 or 21/viii, with Cullinan; *Gross Viescherhorn* with D. and C., 25/viii.

1888. *Eigerjoch*, returning by *Mönchjoch*, with W. E. Davidson, 23/vii.

His record from 1885 onwards is based mainly on Davidson's diary, and is by no means complete.

1889. *Nord End* with M. Holzmann. For other expeditions see W. E. Davidson.

1891. See Davidson.

1892. *Täschhorn* (traversed ?) with M. Holzmann. *Matterhorn* traversed from S. to N. (Davidson crossed from N. to S. the same day), 17/ix.

1893. Traverse of all five summits of *Aiguille des Charmoz* with Davidson and Holzmann, 5/ix; *Grand Dru* with Holzmann, 11/ix.

1894. *Langenfluhjoch*, 11/viii, and *Rimpfischhorn* from Adler pass, 18/viii, both with Holzmann; *Trifthorn* traversed with Davidson (q.v.) and Holzmann, 21/viii; *Mominghorn*, 22/viii; *Alphubel*, 2nd ascent by WSW. arête, with Davidson and Holzmann, 25/viii.

1895. *Brèche de la Meije*; *Meije* traversed (95th ascent, 'Rev. Alp.', 1897, p. 143); *Barre des Ecrins* traversed; *Col* and *Sommet des Rouies*; *Grande Aiguille*; traverse of all three summits of *Pic d'Olan* ('La Montagne', 1908, p. 196; S.T.D. Ann.

1914, p. 120) ; *Les Bans* ; all in July (S.T.D. Ann., 1895, pp. 82–95). *Monte Rosa* from the Grenz glacier and *Zumsteinspitze*, 10/viii ; *Täschhorn* and *Dom*, 2nd traverse in a single day, 16/viii (xix. 486).

1896. *Piz Popena* ; *Croda da Lago* ; *Kleine Zinne*, ascent from N. ; *Marmolata* ; *Cimon della Pala* traversed, ascent by N. arête, 14/vii. *Col des Hirondelles* (' Rev. Alp.', ii. 267).

1897. *Aiguille de Blaitière*, 2/viii ; *Aig. de Grepon*, 4/viii.

1898. *Matterhorn* by Zmutt arête, 23/viii ; *Schallijoch*, 1/ix.

1899. *Crasta guzza*, 5/viii ; *Drei Schwestern*, 9/viii. For other expeditions see Davidson.

1900. *Rothhorn*, 2/viii ; *Signal-kuppe*, *Ludwigshohe*, and *Schwarzhorn* from Capanna Margherita, 11/viii ; *Schallihorn*, 1st traverse and 1st descent by N. ridge with Davidson (q.v.), 14/viii (xx. 264) ; *Rimpfischhorn* traversed to Allalin pass, return by Adler pass (Davidson took the expedition the reverse way), 31/viii.

1901. *Breithorn*, descent by N. ridge (4th passage of the ridge by J. S. Anderson's 1884 route), 5/viii ; *Dent des Bouquetins*, 7 or 8/viii.

1902. *Breithorn* up and down by N. face (2nd descent, see Davidson), 16/viii.

1911. *Mannje* and *Tête Blanche*, returning by *Col de Valpelline*, 9/viii ; *Col Durand*, 19/viii.

Everard Allen Ford

(March 1872, resigned 1877)

Born 1845. Son of Rev. Joseph Ford of Hampstead.

Married 1877 Rachel, d. of Rev. Sir St. Vincent Love Hammick, Bart., Vicar of Milton Abbott.

Educated Edinburgh Academy.

East India and Colonial Merchant, London ; member of Lloyd's. Founder of the London Diocesan Church Lads' Brigade.

Q. Alpine.

Charles Finch Foster

(June 1864, d.m. 1922)

Born 20 May 1841, Cambridge. Son of George Ebenezer Foster and Elizabeth, d. of William Bird of Bishop's Stortford. Brother of G. E., and father of H. C. Foster.

Married 1866 Jane, d. of Roger Cunliffe, banker, of London.

Educated Mr. Jackson's School, Enfield, and University College, London. London University Matriculation, 1858.

J.P. and D.L. Cambridgeshire, 1871. High Sheriff of Cambridgeshire and Huntingdon, 1900–1.

Died 22 Feb. 1922.

Q. Alpine.

1864. See G. E. Foster.

George Edward Foster

(June 1864, V.P. 1884–6, d.m. 1906)

Born 1839 or 40, Cambridge. Brother of C. F. Foster (q.v.).

Was the principal partner in the family banking house of Foster & Co., Cambridge, till the business was amalgamated (*c.* 1904) with the Capital and Counties Bank, Ltd.; he then became a Director of that Company. A member of the Baptist denomination.

J.P. for Cambridge, 1871.

'His wealth enabled him to be munificent to an unusual degree' and he was associated with many philanthropic organizations as Honorary Treasurer.

Died unmarried at Cambridge, 9 April 1906. (In Memoriam, xxiii. 228, by Horace Walker; *Cambridgeshire Weekly News*, 13 April 1906.)

Q. Alpine.

Member of S.A.C., Section Todi, 1877.

1864. With C. F. Foster, *Finsteraarhorn*, 12/vii (xxxii. 224); *Alphubeljoch*, *c.* 15/vii; *Monte Rosa*, 16/vii.

1866. 2nd passage of the *Unter Studerjoch* and a partly new descent of the *Studerhorn*, 23/vii (ii. 413); *Jungfrau*, 27/vii (xxxii. 228); 1st ascents of the S. summit of *Mont Collon*, 4/viii

(ii. 414), and *La Sengla* (*La Sciossa*), 7/viii (ii. 415; see xxvi. 342–4).

1867. 2nd ascent of the *Jungfrau* from the Wengern Alp (iv. 54); *Lyskamm*, *c.* 27/vii (O.V.B.); 1st ascent of the N. (highest) summit of *Mont Collon*, 31/vii (iv. 56. He read a paper before the Club on this ascent and that of 1866, v. 350).

1868. 1st passage of the *Ochsenjoch* and 2nd ascent of the *Ochsenhorn* or *Klein Viescherhorn*, 21/vii (iv. 155, xiii. 267; 'Pioneers', p. 128; Studer, i. 274); a variation on the *Lauteraarjoch*, 23/vii (iv. 155); 1st ascent (a *descent* had been made eight days earlier) of the *Finsteraarhorn* viâ the *Agassizjoch*, 28/vii (iv. 155); *Mischabeljoch*, 31/vii (O.V.B.; cf. iv. 365); 9th ascent (the 3rd from Zermatt) of the *Matterhorn*, 4/viii (iv. 158, 365). He wrote an account of this expedition in 'The Leisure Hour', reprinted C.C.J. vi. 181.

1869. With A. W. Moore, Horace Walker, and T. S. Kennedy, made a winter ascent of one of the lower points of the *Plattenhörner*, and an attempt on the *Balmhorn*, 13/i (v. 62).

1st ascent of the *Gspaltenhorn*, 10/vii (iv. 382); and with Horace Walker, the 2nd ascent of the *Jungfrau* by L. Stephen's route viâ the Roththalsattel, 12/vii (iv. 383; vi. 99); *Oberaarjoch*, 13/vii (O.V.B.); 1st passages of the *Nadeljoch*, 16/vii, and the *Domjoch*, 20/vii (he wrote a paper on these 'New Passes in the Mischabel Range', iv. 365); a variation on the *Weisshorn*, 22/vii (xxiii. 180; xxxii. 217); an ascent of the *Aiguille Verte*, in which A. A. Reilly also took part (v. 145); and the 3rd ascent, by a new route, of the *Aiguille du Midi*, 31/vii (iv. 383; v. 44. He read a paper before the Club on this expedition, v. 145).

1871. With A. W. Moore 1st passage of the *Tiefenmattenjoch*, 17/vii; an accidental variation on the *Col de la Maigna*, 18/vii; and a traverse of *La Salle* and *Mont Pleureur* (1st English ascents), 19/vii (v. 275–6, 320–9).

1872. 1st ascent by the NE. arête of the *Strahlhorn*, 10/viii (vi. 91).

1873. With A. W. Moore 2nd ascent of *Mont Blanc* by the *Mont Blanc* glacier (T. S. Kennedy's route), crossing from Courmayeur to Chamonix in a single day, 21/vii (vi. 293; Moore, 2nd edition, p. 419).

1874. 1st ascent of the *Dom* from the *Nadeljoch* with R. Pendlebury and C. Taylor, 23/vii (vii. 105); with the same, T. G. Bonney, A. Cust (q.v.), and others, *Pigne d'Arolla* and *Col*

de Breney, 27/vii (viii. 2–3). Reached the *Eigerjoch* from the Bergli hut, traversed the ridge to the *N. Eigerjoch*, and descended thence by L. Stephen's route to the Wengern Alp, abandoning owing to bad weather an attempt on the Eiger. See below, 1876.

1875. Started for the *Schmadrijoch* intending to skirt the Breithorn and Tschingelhorn, and return by the Petersgrat to Trachsellauinen, but was obliged to content himself with the first-named pass 23/vii (S.A.C.J. xi. 269, 275, 277).

1876. 1st ascent of the *Eiger* by the S. arête from the N. Eigerjoch, 31/vii (viii. 109. He read a paper before the Club on this expedition and that of 1874, viii. 203).

1877. *Mönch*, 1st ascent by the NE. arête, 31/vii (viii. 341).

1878. Traversed the *Alphubel* from the Mischabeljoch to the Alphubeljoch, 20/vii (ix. iii); with J. Baumann and G. F. Vernon made the 1st ascent of the *Wetterhorn* by the W. face and NW. arête, 10/viii (ix. 112).

Author of the biographical sketch of Johann Baumann in 'Pioneers of the Alps'.

Robert Fowler

(Dec. 1865, resigned 1887)

Born 15 March 1824. Son of Robert Fowler of Rahinston, Co. Meath, J.P., and Jane Anne, d. of Hon. John Crichton, grand-d. of 1st Earl Erne.

Married 1856 Letitia Mabel, d. of Henry Barry Coddington of Oldbridge, Co. Meath.

Educated Trinity College, Dublin; B.A., 1847.

Called to the Irish Bar, 1850. Succeeded his father at Rahinston, 1868. J.P. for Co. Meath; High Sheriff, 1871.

Died 23 Oct. 1897. (See xxxii. 99.)

Q. Alpine.

1854. *Col du Géant*; *Triftlimmi* and *Nägelisgrätli*, 22/viii ('Central Alps', p. 140); *Gauli* pass; *Oberaarjoch*, descending by the Fiescher glacier to Fiesch, 27/viii (xxxii. 240); made the 1st travellers' passage of the *Triftjoch*, 1/ix ('Western Alps', p. 298; Studer, ii. 496); and crossed the *Lötschsattel*, again descending to Fiesch, 19/ix. He described the last four expeditions in Murray's Handbook, 7th (1856) edition, pp. 97–8, 188–9, and 306–7.

1864. *Monte Rosa*, 27/vii (Freshfield, 'Thonon to Trent', p. 21); *Alphubeljoch*, 29/vii (ibid. 24, 26).

1865. *Mont Blanc*, 16/ix; 3rd ascent of the *Aiguille Verte*, by a variation of E. Whymper's route which involved the 1st ascent of the *Grande Rocheuse*, 18/ix (ii. 208; Kurz, p. 42); 1st ascent of the *Aiguille du Chardonnet*, 20/ix (ii. 209. He wrote a paper on the two latter expeditions, iv. 140); *Finsteraarhorn* (K. Blatter); *Weisshorn*, 10/ix (xxxii. 98); *Dom*, 11/ix (J. M. Kronig); attempt on *Lyskamm*, 14/ix.

1869. *Weisshorn*, 10/ix (P. Knubel); 1st ascent of the *Breithorn* from the north, 15/ix (Note by him, v. 44; cf. xxxii. 98–9); joined the party who visited the Lyskamm to investigate the circumstances of H. Chester's accident, 16/ix (v. 23 and ff.) with W. E. Hall, J. Porter, and J. Rigby.

1871. *Matterhorn*, 7/ix; 7th ascent of the *Dent Blanche*, 13/ix (xv. 65; xxxii. 100).

1874. Traversed the *Matterhorn* from Breuil to Zermatt, 21/viii (R.M. i. 46); *Rothhorn* from Zermatt, returning by *Moming* pass, *c.* 26/viii (xxxii. 101; P. Knubel).

William Fowler

(Dec. 1864, d.m. 1905)

Born 28 July 1828. Son of John Fowler of Chapel Nap, near Melksham, and Rebecca, d. of William Hall, of Uxbridge.

Married 1st, 1855, Rachel Maria, sister of E. Howard (q.v.); 2nd, 1871, Elizabeth Fox, sister of F. F. Tuckett; 3rd, 1875, Rachel, d. of Joseph Pease, of Darlington, and widow of Charles Albert Leatham.

Educated University College, London. Matriculated, London University (Prizes in Chemistry and Zoology), 1846; B.A., 1st Class Honours in Classics and Mathematics, 1848; Law Scholar and LL.B., 1850.

Fellow and Member of Council till 1869 of University College.

Barrister (Inner Temple), 1852.

Became a partner in the discount house of Alexander, Cunliffe & Co., 1856. On the dissolution of the firm in 1876 became a director of the National Discount Co. He was also Chairman of the Investment Trust Company, John Fowler & Co., Ltd. (Leeds), and the Bank of Tarapaca; and a director of the European Petroleum Co. and other companies.

M.P. (Liberal) for Cambridge, 1868–74 and 1880–5. In 1886 he contested Perth as a Liberal Unionist.

Author of the Cobden Club Essay on the Land Laws (1871); 'Indian Currency' (1899).

Died 16 Sept. 1905. ('Who's Who'; *The Times*.)

Q. Alps (1864).

1864. 1st passage of the *Eschia* pass, with F. F. Tuckett, 25/vii (i. 381; 'Central Alps', 371); *Sella* and *Marinelli* (*Fellaria* in Q.) passes with Tuckett, E. N. and H. E. Buxton, 27/vi. See i. 397; Tuckett, 176–8; and for 1872 and 74, Tuckett, 328–9, 337–40.

Douglas William Freshfield

(Dec. 1864, C. 1869–72, E. 1872–80, V.P. 1878–80, P. 1893–5, Hon. Member 1924)

Born 27 April 1845. Only son of Henry Ray Freshfield of Kidbrooke Park, Sussex, and Jane Quintin, d. of William Crawford, M.P., of Pipp Brook, Dorking. Cousin of W. D. Freshfield (vol. i).

Married 1869 Augusta Charlotte, d. of Hon. William Ritchie, Advocate-General of Bengal (*d.* 1911).

Educated Eton and University College, Oxford; 2nd Class in Classical Moderations, 1865; 2nd Class in Law and History, 1867. Honorary D.C.L., 1916 (xxx. 349; G.J. xlviii. 170). Honorary Fellow of University College, 1925.

Barrister (Inner Temple), 1870.

From 1897 on the Committee, and twice Chairman, 1906 and 1908–11, of the Society of Authors. For several years in the seventies and eighties Chairman of the St. Olave's Committee of the Charity Organization Society, and served as a member of the Central Council.

J.P. for Sussex.

Member of the Board of Conservators of Ashdown Forest. Took part, with E. N. Buxton and others, in endeavours to protect open spaces within reach of London.

F.R.G.S., 1869; C., 1878–80. He threw himself very actively into the work of the Society and in 1881 was appointed one of the hon. secretaries, his colleague being (Sir) Clements Markham. For the next fourteen years he made his work in that capacity his

principal interest, taking a leading share in the control and extension of the Society's activities. He had already given strenuous support to Markham's efforts to improve its publications, and took a large share, using the arrangement of the A.J. as a model, in founding the 'Proceedings', and developing them into the present 'Geographical Journal'. Illustrations and critical reviews were among the novel features gradually introduced.

Served on the Public Schools Prizes Committee in 1880 (see 'Proc. R.G.S.', ii. 452) under F. Galton's plan (see vol. i) for fostering Geographical Education, and when this was dropped in 1884 played a large part in initiating another effort on more fruitful lines; he urged sending Sir J. S. Keltie to Europe to report on Geographical Education in foreign countries, and on K.'s return, submitted a personal memorandum advocating an appeal by the Society to the authorities of Oxford and Cambridge to found Readerships and Schools of Geography, supported by an offer of pecuniary grants-in-aid; he won over the Council and his older colleague to his proposals, which were carried out with satisfactory and lasting results. Representative of R.G.S. on committee of Oxford School of Geography, 1912–24 (G.J. xxxix. 290). (For all this, and the establishment of closer relations with the India Office, the initiation of the Society's collection of photographs and slides, the introduction of the use of lantern-slides at lectures, &c., see 'Proc. R.G.S.', viii. 193–5, 202; G.J. iv. 24–5, xxii. 97–8, xlvi. 3–4; and F.'s tribute to Markham, G.J. xlvii. 162–4, and cf. p. 168.) Read a paper before the Geographical Section of British Association in 1886 on 'The Place of Geography in Education' ('Proc. R.G.S.', viii. 698–714). Gave the Christmas Lectures for Young People (instituted by the R.G.S. a few years earlier) in 1894, on (1) The structure and features of Mountains, and of Snow Mountains in particular; (2) the Discovery of the High Alps; (3) the Exploration of the Caucasus (G.J. iii. 228). Lectured to Oxford School of Geography on the Passes of the Western Alps, 1910, G.J. xxxv. 317. Did much to secure the adequate recognition of mountain exploration in the distribution of the Society's Gold Medals (e. g. in the case of Sir J. D. Hooker, 1883; E. Whymper, 1892). Also used his position as Hon. Sec. in criticizing the Ordnance Survey Maps. This led him into a controversy with the Director of the Survey, but he stuck to his points, and his opponent's suc-

cessor made the improvements he had suggested, the principal one being the use of colour printing (see G.J. xxii. 98).

In 1894 he resigned his Hon. Secretaryship, owing to the hesitations of the Council in supporting their own decision with regard to the admission of women as Fellows. In 1897 became (first) President of the newly-founded Association of Geographical Teachers, and carried on his educational work in that capacity for thirteen years. See G. J. xxi. 301 ; xxxi. 213 ; xxxv. 314.

In 1903 he was awarded the Founder's Gold Medal of the R.G.S. (G.J. xxii. 97–8). Returned to the Council of the Society, 1905–8 ; V.P. 1909–13 and 1917–24 ; P. 1914–17 ; Trustee, 1924. During his Presidency read papers on 'The Southern Frontiers of Austria' (G.J. xlvi. 414–32), and 'The Great Passes of the Western and Central Alps' (G.J. xlix. 2–22), besides the usual Annual Addresses. These papers were also read before the A.C. (xxx. 1–24, xxxi. 158–89).

For the war work of the Society during the same period, see G.J. xlvi. 2–3, 413–14 ; xlviii. 1–3, 441 ; l. 81–2.

Among his many contributions to the Society's publications the following may be mentioned : 'The Alpine Notes of Leonardo da Vinci' ('Proc. R.G.S.', vi. 335–40 ; see also p. 323, and A.J. xix. 558) ; 'A Note on the Conservative Action of Glaciers' ('Proc.' x. 779–89 ; see also G.J. i. 500 and xxxvi. 337), his principal contribution to glaciology ; Review of M. de Dechy's 'Kaukasus' (G.J. xxx. 427–31) ; 'The Summits of Olympus' (ibid. 293–7) ; In Memoriam notices of A. W. Moore ('Proc.', ix. 200), G. Radde (G.J. xxi. 565), and Lord Bryce (ibid. lix. 315), and 'John Ball and the Alpine Guide' (Proc. xii. 106), and various communications, besides those mentioned below, on the Caucasus, 'Proc.' vii. 597–602, xi. 99, 369–74, xiv, 100–16, G. J. vii. 656. For Hannibal's Pass, see below, 1883, and for Himalayan matters, below p. 154.

Awarded a Gold Medal at the Paris Exhibition, 1900 ; the Livingstone Gold Medal of the Scottish Geogr. Soc., 1916. Hon. Member of the Berlin, Philadelphia, Hungarian, Italian (1916), and Russian (1917) Geographical Societies, Berlin Gesellschaft für Erdkunde, and many kindred societies and mountaineering clubs, including C.A.F. (1898) ; Soc. Alp. Trid. (1876) ; C.A.I., Turin section (1895) ; S.A.C. ; American A.C. ; and Japanese A.C.

President of Geographical Section of Brit. Assoc. at Cambridge,

1904; gave an Address on 'Mountains and Mankind', reprinted xxii. 269–90, G.J. xxiv. 443, Smithsonian Report for 1904; pp. 337–54, and Scottish Geographical Magazine, xx. 504–24.

Joint author of three revised and enlarged editions (5th, with H. H. Godwin Austen and another, 1883; 6th and 7th, 1889, 1893) of 'Hints to Travellers'. See xiv. 523–4.

Q. Alpine.

His innate love of scenery and interest in topography were fostered by travel at a very early age in Snowdonia, the Lake District, and the Highlands, and later by numerous visits to the Alps. See xxx. 187–9.

In Great Britain and Ireland he climbed at various dates *Snowdon* by *Crib Goch*, *Trifaen*, *Glydyr Fawr*, *Cader Idris*, *Helvellyn*, *Langdale Pikes*, *Sgurr nan Gillean*, *Ben Nevis*, *Ben Mac Dhui*, *Mam Soul*, *Errigal*, and *Creagh Patrick*.

1854. Basel, Neuchatel, Lausanne, Geneva, Chamonix, *Tête Noire*, *Gemmi* pass, Thun, Berne.

1855. Zug, *Pragel* pass, Ragatz, *Splügen* pass, Italian lakes, *St. Gotthard*.

1856. Chamonix, tour of Mont Blanc, *Crammont*, *Great St. Bernard*, Zermatt, *Monte Moro*, *Simplon*, *Grimsel*, and *Brünig* passes (1st meeting, at Handeck, with François Devouassoud).

1858. *Gemmi* pass, Zermatt, *Theodule* pass, Gressoney, *Col de Valdobbia*, Varallo, Orta, *Monte Mottarone*, Milan, Venice, *St. Gotthard*.

1859. Mürren, *Schilthorn*, Wengern Alp; Great Scheideck, *Joch* pass, *Titlis*, *Surenen* pass (see below); *Furca*, *Gries* and *Albrun* passes, *Eggishorn*, *Rawyl* pass, *Truttlisberg* and *Krinnen* pass, *Col de Pillon*, *Chamossaire*, *Tête Noire*, Chamonix, *Brevent*.

1860. Sixt, *Cols de Golèse* and *de Coux*, Champery; *Great St. Bernard*, *Becca di Nona*, 15/viii; Cogne, the *Pousset*, *Theodule* pass, 22/viii; *Cima di Jazzi* with F. V. Hawkins, 24/viii; *Monte Moro*, *Baranca* pass, *Col di Colma*.

The two latter tours were described by Mrs. H. R. Freshfield in 'Alpine Byways' (1861); F.'s description of the Surenen pass, his first contribution to Alpine literature, is given, pp. 38–9.

1861. *Klausen* pass, *Sassberg*, *Segnes*, *Schyn* and *Albula* passes, *Piz Languard*, *Diavolezza* pass, *Maloja* and *Muretto* passes, *Monte Nero* (1st traveller's ascent), 23/viii (Bernina C.G.

ii. 20); *Canciano, Casana* and *Fluela* passes, *Fluela Schwarzhorn.*

This tour was described by Mrs. Freshfield in 'A Summer Tour in the Grisons' (1862). F.'s account of the ascent of Monte Nero is given, pp. 170–3; that of the Schwarzhorn, pp. 255–8.

1862. *Scaletta* and *Maloja* passes, *Albigna* glacier ('Italian Alps', p. 46), Splügen, *Valserberg, Piz Mundaun, Lavazjoch, Oberalp* pass, Lucerne, *Brünig* and *Gemmi* passes, *Bella Tola, Cols de Torrent* and *de Sorebois.*

1863. *Col de Riedmatten*; *Pic d'Arzinol*; *Mont de l'Etoile*; *Cols de Torrent* and *de Sorebois*; *Z'Meiden* pass; *Augstbord* pass and *Schwarzhorn*; *Mettelhorn*; *Theodule*; attempt on *Grand Paradis* (viii. 303); *Col du Géant* with J. G. Dodson (vol. i), 4/ix ('From Thonon to Trent', 115–22); *Mont Blanc*, 8/ix (ibid. 123–34). See xxx. 189.

1864. With R. M. Beachcroft (q. v.) and, after 16/vii, J. D. Walker (q. v.), *Port du Soleil*, 14/vii; *Cols de Susanfe, d'Emaney*, and *de Barberine* (his *d'Emoussons*), 15/vii; *Tête Noire*, 16/vii; *Brevent*, 17/vii; *Jardin*, 18/vii; *Cols de Balme, de la Forclaz*, and '*de Bovine*', and on to Bourg St. Pierre, 19, 20/vii; *Cols de Sonadon*, 21/vii; *d'Oren* (*de la Reuse d'Arolla*), 22/vii; *de Valpelline*, 23/vii; *Riffelhorn*, 25/vii; attempt on W. face of *Riffelhorn*, 26/vii; *Monte Rosa*, 27/vii; *Alphubeljoch*, 29/vii; *Zwischbergen* pass, 30/vii; *Bochetta di Val Maggia* ('Ital. Alps', 18 note), 1/viii; '*Passo di Vespero*' (see Lepontine C.G., p. 78), 3/viii; *N. Columbe* pass, 4/viii; *Scaradra* pass or *Passo di Sorreda*, 5/viii ('Central Alps', 300; *Rheinwaldhorn* (4th and 1st English ascent) and 1st complete passage of the *Lenta Lücke*, 6/viii (i. 380); *Madriser* pass ('Central Alps', 383), 8/viii; *Passo del Ferro*, 1st known passage by travellers, 9/viii (i. 435); 1st ascent and traverse of *Monte Sissone*, 10/viii (i. 381; Bernina C.G., pt. i, 172–6); *Piz Languard*, 12/ix; *Piz Ot*, 13/ix; *Sella* pass and 2nd ascent of *Piz Sella*, 16/viii; 3rd ascent by a new route, and 1st traverse of the E. (lower) summit of *Piz Palü*, *Diavolezza* pass, 17/viii (i. 436); *Passo di Val Viola*, 19/viii; *Königsspitze*, 2nd ascent, 22/viii (E. ii. 111); *Gavia* and *Tonale* passes, 23–4/viii; 1st ascent and passage of *Presanella* and *Passo di Cercen*, 25/viii (i. 436; E. ii. 234–5); 1st passage of *Bocca dei Camuzzi*, made in an attempt to cross the Bocca di Brenta in a mist, 26/viii (i. 436–7; E. iii. 317); to Trent and Bozen, 27/viii. *Heiligenbluter Hochtor.*

He described the tour in 'Across Country from Thonon to Trent, Rambles and Scrambles in Switzerland and the Tyrol', privately printed (1865) and some of the expeditions in 'Italian Alps' (see below), pp. 44–67, ch. viii, pp. 248–54. See also Tuckett 188, 195–7.

1865. Made the following expeditions with F. F. Tuckett (see vol. i); J. H. Backhouse (q. v.) also took part in most of them: *Passo di Canali* or *Forcella d'Angoraz* and *Passo di Miel*, 1st travellers' passage, 30/v (E. iii. 400, 433); *Passo di Rosetta* and *Passo delle Comelle*, 1st travellers' passage, 1/vi (E. iii. 431); *Marmolata*, 2nd ascent, 2/vi (E. iii. 396); by *Forcella Forada* and *Forcella Piccola* to Auronzo, 3–5/vi; 1st passage of the *Oberbachernjoch*, 6/vi (vii. 30–1); *Villgraterjoch* (Tuckett's *Winkeljoch*), 7/vi; *Kalser Tauern*, 8/vi; *Obere Oedenwinkelscharte* (*Johannsbergjoch*), 1st travellers' passage (to Heiligenblut), 9/vi (E. iii. 195); *Bergertörl* (*Kalsertörl*) and *Kals-Matreiertörl*, 10/vi; to Prägraten, 11/vi; *Obersulzbachtörl*, 13/vi (E. iii. 162); *Krimmler Tauern*, 14/vi; 1st ascent and traverse of the *Mösele* (*Möselenock*), 16/vi (E. iii. 18); to Innsbruck, 17/vi.

Pfaffenschneide (*Vorder Schaufelspitze*), 2nd ascent, and *Pfaffenjoch*, 20/vi (E. ii. 389); *Wildspitze*, 3rd ascent and 1st passage of the *Rofenkarjoch* (*Mittelbergerjoch*), 22/vi (E. ii. 259, 265); *Oelgrubenjoch* (E. ii. 303) and *Gepatschjoch*, 23/vi; 1st ascent and traverse of *Langtaufererspitze*, 2nd ascent of *Weisskugel*, *Hintereisjoch*, 24/vi (E. ii. 285, 289); 1st passage of the *Ortler* pass, 26/vi (E. ii. 88); 1st ascents of *Punta di San Matteo* (*Pizzo della Mare*) and *Monte Tresero*, 28/vi (E. ii. 167, 170); 1st passage of *Passo della Vedretta Rossa* (*Passo del Forno*), 29/vi (E. ii. 163); to Molveno, 30/vi; *Bocca di Brenta*, 1/vii; 2nd ascent of the *Adamello*, 1st passage of *Adamello* pass, 3/vii (E. ii. 220). See ii. 137–48, and Tuckett, 200–19, 224–42.

He wrote a paper 'The Zillerthaler Ferner', on the ascent of the Mösele, vii. 281, and described the expeditions of 30/v–1/vi in 'Italian Alps', 288–97; that of 3/vii, ibid., pp. 208–21. With Tuckett and H. E. Buxton, 1st travellers' ascent of *Pizzo di Verona*, descending by *Passo di Verona* (2nd travellers' passage) and *Passo di Campolungo*, 6/vii (ii. 136); 1st passages of *Passo di Mello* (*Disgraziajoch*), 7/vii (ii. 137; 'Italian Alps', 68–73); and *West Passo di Bondo*, 8/vii (ii. 137; 'Italian Alps', 73–6, Bernina C.G., pt. 1, p. 41); with the same and J. H. Backhouse,

2nd ascent (the 1st was in 1793) of *Piz Urlaun*, 11/vii (ii. 134); *Sand Grat* pass, 12/vii. See Tuckett, 219–24, 242–5.

1866. With C. C. Tucker (till 1/viii, except the expedition of 26/vii), *Wetterhorn* traversed from Rosenlaui to Grindelwald (ix. 488); *Wetterlücke*, 9/vii; 1st travellers' passage of the *Baltschiederjoch*, establishing the practicability of the ascent of the *Bietschhorn* by E. face and N. arête, 10/vii (ii. 363; x. 21 note, xxiv. 92); *Aletschhorn*; *Planura* pass (*Claridengrat*), ii. 407; partial ascent of the *Tödi*, making the 1st direct passage through the upper ice-fall of the Biferten glacier, and a new descent by the *Rüseinlucke* (1st and only passage), 19/vii (ii. 363; xvii. 367; 'Central Alps', 195–6); 1st passage of the *Errsattel* or *Fuorcla digls Tellers*, 21/vii (ii. 360; Studer, iii. 310); 1st travellers' passage of the *Fuorcla Fedoz* (*Fedozjoch*), 23/vii (ii. 360; Studer, iii. 197); and 1st ascent of *Piz Cengalo* (*Punta Trubinesca*), 25/vii (ii. 361; 'Italian Alps', 79–83); new combination of routes from Masino to Sondrio, including an almost successful attempt on *Monte della Disgrazia* and the passage of *Passo di Cornarossa*, 26/vii (ii. 361; 'Italian Alps', 84–90). With Tucker, 1st ascent of *Punta di Teo*, 28/vii (ii. 361; cf. 'Italian Alps', p. 117, 'Alpina', 1901, p. 133); and 1st ascent of *Cima di Castello* (*Cima del Largo*), 31/vii (ii. 361; xvii. 426; 'Italian Alps', 77–9). 1st ascent and passage of the S. (lower) summit of *Piz Vadret* and *Fuorcla da Vallorgia* (*Valloria* pass), 1/viii (ii. 361); 1st travellers' passage (see 'Alpina', 1909, p. 25) of the *Verstanklator*, 4/viii (ii. 362; xxii. 338; 'Italian Alps', 96–100); *Eschia* pass, 6/viii; 1st ascent of *Tinzenhorn*, discovering, and descending by, the *Tinzentor*, 7/viii (ii. 362; S.A.C.J. iv. 241, and cf. xix. 281). With J. Robertson, 1st attempt on *Fuorcla Tschierva-Scerscen* or *Güssfeldtsattel*, 17/viii (ii. 406). With J. D. Walker, 1st passage of *Passo del Diavel*, 21/viii; 1st ascent and passage of *Pizzo Zembrasca* and *Zembrasca* pass, 22/viii; and 1st ascent and passage of *Cima Orientale di Lago Spalmo* and *Passo d'Avedo*, 23/viii (ii. 404–6; Studer, iii. 245; 'Italian Alps', 109–120). He read a paper before the Club in 1871 entitled 'Swiss Dolomites', v. 200, in which he described the Passo del Diavel and Tinzenhorn expeditions.

1867. With T. H. Carson and C. C. Tucker, attempt on *Dent Blanche* from Bricolla, 1/vii (vi. 84; xxvii. 240; xxx. 227–8; xxxii. 209); new route from the *Lysjoch* to Alagna, *c.* 4/vii (iv. 56);

Col de Moud to Val Sermenza; *Col d'Egua* and *Baranca* pass; made an accidental variation on the *Weisstor* (Macugnaga to Saas) (xi. 201 and note; cf. vi. 84); and a variation on the *Mischabeljoch*, 11/vii (iv. 57). With the same and J. H. Backhouse, *Matterjoch*, 12/vii; 1st ascent of the *Tour du Grand St. Pierre*, 14/vii; *Col de Grand Croux*, 18/vii; *Cuccagna* and 1st passage of the *E. Col du Grand Etret* (*Tetret*), 20/vii (iv. 58; vi. 83, 105); 1st ascent, and traverse from Courmayeur to Chamonix, of *La Tour Ronde*, 22/vii (iv. 59; C.A.I. Boll. ii. 394–6; he wrote a paper on this expedition entitled 'Col de la Tour Ronde', v. 230; see Kurz, p. 81 note); *Col de Miage*; *Col Ferret*; *Col d'Argentière*; *Buet*; *Col de Tanneverge* (xxxi. 343).

1868. With C. C. Tucker, arrived Alexandria, 14/i; three weeks' trip up Nile by steamer, 24/i–14/ii; left Egypt, 17/ii. Beyrout, 18–22/ii; viâ Sidon, Tyre, Acre, Haifa, Nablous to Jerusalem, 5/iii. Depart for Jericho, 13/iii; crossed the Jordan, 14/iii; by a pass of 3,676 ft. (4,676 ft. above the Jordan) to Es Salt (Ramoth Gilead), 15/iii; to the Jabbok R., 16/iii; ruins of Jerash (Gerasa), 17/iii; er Remte, 18/iii; viâ Derat on the Yarmuk R. to Bosra, 19–20/iii; ascent of *El Kleib* (5,725 ft., 2nd summit of the Jebel Hauran), 22/iii; through the Lejah, 24–6/iii; el Kiowe, 27/iii; Damascus, 28/iii–3/iv; Baalbec, 5/iv; Ain Ata, 6/iv; visit to the Cedars of Lebanon, 7/iv; Muallaka, 8/iv; *Mugitch* pass to Beyrout, 9/iv.

Left Beyrout, 12/iv; Larnaka, 13/iv; Rhodes, 15/iv; Smyrna, 16–25/iv (visited Aidan, Magnesia on the Maeander, Ephesus, and Manissa); Constantinople, 27/iv–2/v; Trebizond, 5–6/v; Batum, 7–8/v; Kutais, 9–11/v; Gori, 12/v; Mzcheti, 13/v; Tiflis, 14–19/v; Akstafa, 20/v; Delishan, 21, 22/v; Erivan, 23, 24/v; viâ Nachitchevan to Djulfa, 25/v; to Tabriz, 26–8/v. Viâ Marand and Djulfa back to Nachitchevan, 2–4/vi; Sadarak, 5/vi; Aralykh, 6/vi; to camp (*c.* 8,500–9,000 ft.) on Mt. Ararat, 7/vi; attempt on *Mt. Ararat* (F. was unwell and stopped *c.* 13,000 ft., Tucker went considerably higher), 8/vi; to Erivan, 9/vi (visited Echmiadzin monastery); to Alekujak, at the base of Alagoz (weather prevented an attempt on this peak), 14/vi; Amamly, 15/vi; Dshelal Ogly, 16/vi; Schulawery, 17/vi; Kodi, 18/vi; Tiflis, 19/vi. (A. W. Moore arrived, 21/vi.)

To Mzcheti, 26/vi; Mlete, 27/vi; *Krestowja* pass to Kazbek village, 28/vi; climbed a ridge *c.* 10,000 ft. to reconnoitre, 29/vi;

camp *c.* 11,000 ft., 30/vi; 1st ascent and traverse of *Kazbek*, 1/vii.

To Abano (Upper Terek Valley), 3/vii; *Tyrsui* pass (10,690 ft.) to Zacca (W. branch of Ardon Valley), 4/vii; Teeb (E. branch), 5/vii; *Mamison* pass to Gurshevi (E. Rion valley), 6/vii; Glola, 8/vii; Chiora (W. Rion valley), 9/vii; crossed the main chain by a new pass from Burdjula glacier to Karagom glacier and bivouacked by the latter, 10/vii; returned by a 2nd new pass, viâ Karagom glacier (ix. 182) and the central snowfields of Adai Khokh group to the Bokos-skali glen and bivouacked, 11/vii; viâ Glola and Chiora to Gebi, 12/vii; head of W. Rion valley, 14/vii; over *Goribolo* across ridge by Vatsistveri pass to Skenis- (or Zenes-) Skali valley; bivouac in the valley, 15/vii; '*Noschka Pass*' to Zesko valley, 16/vii; *Zagar* (or *Naksagar*) pass to Jibiani (Ingur valley), 17/vii; (after some trouble with the natives) up Kaldes-chala valley, 19/vii; pass over Zyrmash ridge to Adish and on to Suni (Zvirmi ?), 20/vii; down the river (Latal, 21/vii; Pari, 22/vii) and up Nakra valley, 24, 25/vii. *Dongosorun* pass to Baksan valley, 26/vii; Uruspieh, 27/vii; 1st ascent of E. summit (see xxviii. 249) of *Elbruz*, 29–31/vii; Uruspieh, 1/viii; down the Baksan valley to Atashkutan, 3/viii; Patigorsk, 4/viii; to Naltshik, 9, 10/viii; up Cherek R. to Balkar, 13, 14/viii; to Karaul, 16/viii; *Shtulusvek* pass to Uruch valley, 18/viii; Zadelesk, 19/viii; 20, 21, to Vladikavkaz (viâ Tuganowa). Return by *Krestowaja* pass to Tiflis, 24–6/viii; viâ Achaltsik and Abasstuman to Kutais, 29/viii–4/ix; Poti, 5/ix. Coasted by Sukum Kalé, Novorossiisk and Kertch, to Sebastopol, 6–10/ix; driving tour—Balaclava, Yalta, Simferopol, Backchisarai, 12–16/ix; to Odessa, 17–18/ix (Moore went on to England); by rail and diligence to Krementchug on the Dnieper R., 21–3/ix; by boat to Kieff, 24, 25/ix; diligence to Vitebsk 28–31/ix; Petrograd, 1/x.

F. read a paper before the Club, on the ascent of Elbruz, which was not printed in A.J., and another on the Caucasian journey and climbs before the R.G.S. ('Journal of R.G.S.', xxxix. 50–77; 'Proc. R.G.S.', xiii. 66–72). An itinerary from 26/vi to 26/viii is given, iv. 160–6. Paper by C. C. Tucker, iv. 241. F. also wrote a general descriptive account of the Caucasus in Bates's 'Illustrated Travels', ii. 92, &c., and described the whole tour in 'Travels in the Central Caucasus and Bashan' (1869). His views as to the relatively modern date of the ruined cities of the

Hauran (see 'Travels', pp. 43 and 57–9) involved him in a hot controversy in the *Athenaeum* with the Rev. Josias Porter of Belfast, who had maintained in 'The Giant Cities of Bashan' (1865) that they were of immense antiquity. This led to another paper by F. in Bates (ii. 146–54), fully setting out his case. His conclusions were supported by Fergusson, the well-known writer on architecture, and are no longer disputed.

In 1885 he read before the Club part of a paper by M. de Déchy on his 1st (1884) Caucasian tour, and took the opportunity of dealing with some recent Russian criticism on his (D. W. F.'s) doings in 1868, xii. 314, 320–39. Cf. xiv. 241–2 and see xiv. 314–18, a paper called forth by a passage in the 2nd edition of C. D. Cunningham's 'Pioneers of the Alps'.

1869. With T. H. Carson, *Uri Rothstock* traversed; *Schreckhorn*; *Monte Rosa* (vi. 244, F. Pollock joined in this expedition); *Theodule*; *Ruitor* traversed (xxxi. 343); *Col du Géant*.

1871. *Ortlerspitze*; with Mrs. Freshfield and C. C. Tucker, *Forno* pass; *Punta di San Matteo* (*Pizzo della Mare*) traversed (v. 284–5); with Tucker, 1st ascent of the *Cima di Brenta* (E. iii. 332; he wrote a paper on this expedition, 'The Dolomites of the Val Rendena', v. 249; see also 'Italian Alps', 258–69). 2nd, and 1st travellers' ascent, by a new route, of *Piz Pisoc*, 3/viii (v. 281; 'Italian Alps', 103–6); 2nd ascent, by a new route, of *Piz Quatervals*, 7/viii (v. 279; 'Italian Alps', 112 note; Studer, iii. 259); 1st ascent by the N. arête of *Piz Zupo* and 1st complete passage of *Zupo* pass, 14/viii (v. 280); 1st complete passage (see 1866) of *Tinzenthor*. 'Notes on the Engadine and Neighbourhood', v. 279–85, with accounts of some of these expeditions and of the *Fuorcla Suvretta*.

1872. With C. C. Tucker, 1st ascent and passage of *Cima di Vezzana* and *Passo di Travignolo*, without guides, 5/ix (vi. 97; vii. 57; 'Italian Alps', 297–307); 5th ascent of *Monte Pelmo*, starting from San Nicolo in Val di Zoldo, and following J. Ball's route (E. iii. 477; vi. 150. He wrote a paper on this expedition, vi. 257; cf. 'Italian Alps', ch. xiii); *Monte Tofana*. Ascended the Seisera- (Wolfbach-) thal in search of the Jof di Montasio, and crossed to the Kaltwasserthal, 14/ix (he wrote a note on the excursion, vi. 197).

1873. With J. G. & R. T. Ritchie, new high level route from S. Caterina to Rabbi over *Mte. Cevedale* (which was reached by a partly new route), thence following the ridge crossed by the

Furkele scharte and Hochfernerjoch as far as the latter, and crossing the saddle between the Veneziaspitze and Cima Marmotta, 22/viii (vi. 302; 'Central Alps', 438; E. ii. 158; 'Italian Alps', 369); discovered and crossed the *Bocca di Vallazza*, or *Gagliarda*, 24/viii ('Central Alps', 489; E. ii. 340; 'Ital. Alps', 270, 274, 359); traversed *Cima Tosa*, 25/viii (E. iii. 304; 'Ital. Alps' 274); 3rd ascent of the *Caré Alto*, crossing the Adamello group by a new high level route, including the 1st passage of the *Passo di Lares* (*Passo di Cavento*), and passages of the *Passo della Lobbia Alta*, and *Passo di Mandron*, 26/viii (E. ii. 183, 185; R.M., 1911, p. 102; 'Ital. Alps', 221–8). He described the 1st, 2nd, and 4th of these expeditions, vi. 302–6.

Campo Tencia, 2nd recorded ascent, traversed from Faido to Prato, 5/ix (vi. 299–301; Studer, iii. 40–1; he described this expedition in a paper on Val Maggia, in *Fraser's Magazine*, May 1874, reprinted with additions, in 'Ital. Alps', ch. i). *Passo di Redorta* to Val Verzasca, 8/ix ('Ital. Alps', 29–37).

1874. Traversed the *Vignemale* with R. T. Ritchie, 25/iv; and made a guideless ascent of the *Pic de Sauvegarde* a few days later (vii. 47–9).

With T. H. Carson and C. C. Tucker, *Galenstock*; *Gries* pass; *Basodine* (1st ascent by N. arête) and *Passo del Basodine* ('Ital. Alps', 15–17, 349; C.A.I. Boll. 1901, p. 330); 1st ascent and passage of *Monte Gleno* and *Passo di Monte Gleno* or *di Trobio*, 22/vii (vii. 107; 'Ital. Alps', 148–53); 1st travellers' ascent of *Re di Castello*, 24/viii (vii. 155; E. ii. 203; 'Ital. Alps', 163–7); and 1st passage of the *Bocca d'Agola* (*Passo d'Ambies*), also crossing the *Bocca dei Camoschi* (see 1864), 26/viii (vii. 108; x. 164; E. iii. 317; 'Ital. Alps', 255–8).

1875. *Pania della Croce* (paper, vii. 372–87); 1st English ascent of the *Gran Sasso d'Italia*, –/v (vii. 336). He read a paper before the Club describing the expedition and his roundabout approach to the mountain viâ Aquila, Sulmona, the east coast railway, and Teramo (viii. 353–75; see vii. 468). Both papers were reprinted in 'Below the Snow Line' (see below, p. 159).

In this year he published 'Italian Alps: Sketches in the Mountains of Ticino, Lombardy, the Trentino, and Venetia; A patchwork from the Journals of Seven Summers' (1864–6, 71–4). He wrote an article making some additions, corrections, &c., vii. 459–66.

1876. Paper on 'Lago d'Iseo, Lovere, and Val di Scalve'

(which he visited in May), to supply a missing chapter in 'Italian Alps' (viii. 85); and some notes on Monte Generoso, to supplement the account in 'Central Alps' (viii. 52). With C. C. Tucker, *Col du Géant*; new route on *Punta Tersiva*, 3/ix; 1st ascent and traverse of *Punta Sengie*, discovering the *N. Col des Sengies*, 4/ix (viii. 104; paper, 'Gleanings from Cogne: 1. The Pointe des Sengies', viii. 300; see xii. 176). *Col de Séa*.

1877. Winter and early spring: rambles in the Maritime Alps; see below, 1878.

1878. *Brèche de la Meije*; *Col de la Temple*, 24/ix (S.T.D. Ann., 1878, p. 51); reached Baths of Valdieri by Val della Rovina and *Passo della Lourousa* (*Col de Chiapous*), 26/ix. Started in search of the Punta dell'Argentera, and made the 1st ascent of the *Cima di Nasta*, 27/ix (ix. 89; 'Rev. Alp.', viii. 193); *Lysjoch*, 1/x. He wrote a paper on 'The Maritime Alps': 1. The Coast Ranges (the Esterels, ascent of *Cheiron*, &c.), ix. 137; 2. The Seaward Valleys in Spring (a four days' walk through the valleys of the Vesubie and Tinée, with an ascent of the *Testa* (*Cima*) *della Rovina*), 8/iv/77, and by the Val di Blore to St. Sauveur; 3. The Baths of Valdieri in autumn (the 1878 expedition), with Topographical Notes and Map, ix. 385, x. 46. He supplemented No. 3 with a note on 'The Sanctuary of San Chiaffredo', x. 481 (see also a letter, 'Echo', 1879, p. 83). All three papers were reprinted in 'Below the Snow Line'.

1879. *Mittelhorn* in a day from Rosenlaui, with two Misses Ritchie, 1st ascent by the NE. arête (Bernese C.G. ii. 119–20); *Strahlegg*; *Triftlimmi*; *Monte Leone*; *Gross Nesthorn*. He gave some account of the first-named expedition in the first of a series of 'Notes on Old Tracks, 1. The Oberland', ix. 484–9.

1880. Corsica: made a zigzag tour through the island, 26/vi–5/vii, ascending *Monte Incudine* and *Monte Rotondo*. He read a paper before the Club on 'Midsummer in Corsica', x. 194, reprinted in 'Below the Snow Line'.

Made the tour of the Sasso di Mur and 1st passage of the *Passo di Cimonega*, 11/vii (x. 107; E. iii. 435–6). In 'Notes on Old Tracks, 2. The Dolomites' (x. 68–74) he described this expedition, the 2nd recorded passage of the *Forca Rossa* (E. iii. 394), an ascent of the *Col di Lana*, and a passage of the *Tschägerjoch*. He also contributed 'Notes on Old Tracks, 3. Round Monte Rosa' (x. 158–61), on a walk through the Italian valleys of Monte Rosa from Varallo to Chatillon by the *Bocchetta Moanda*,

with ascent of *Tagliaferro*; *Col d'Olen*; down the Val de Lys and up the Val Challant; *Col de Joux*.

1881. *Pointe Percée du Reposoir* (xii. 137; C.A.F. Bull., 1882, pp. 74–5); 1st English ascent of the *Rocher de Plassas*, 9/ix (x. 491); crossed *Col de la Grande Casse*. Spent a night in the hut on the Aiguille du Goûter with W. F. Donkin, referred to xii. 146; xiv. 257; C.A.F. Ann., 1887, p. 58.

'Notes on Old Tracks, 4. The Mountains of Dante', x. 400–5.

1882. November. Made a high level walk from Tenda to the Vesubie valley (cf. 1877–8), described in 'Notes on Old Tracks, 5. The Gorges of the Roja and Spur of Turbia', ix. 228.

1883. With W. A. B. Coolidge, from Grenoble viâ *Col Bayard* and Gap to Ubaye Valley; *Col de l'Argentière* to Vinadio and Limone, 19–22/vi; traversed the *Besimauda* to Certosa di Pesio, 23/vi ('Bull. Section Alpes Marit.', 1903, pp. 40–3; notes by him, xi. 302). This was the first stage in his quest of Hannibal's Pass. He wrote a paper advocating the claims of the Col de l'Argentière, xi. 267–300, and added further notes, xiii. 28–38. His further discussions of this thorny subject (apart from a brief reference, xxiii. 78) are carried on in Proc. R.G.S., viii. 638–44, and G.J., xiii. 547–61 (see also pp. 310, 448, 669), xxxiv. 209–10, xxxvii. 398–407, 678–81. At this point he collected and rearranged his scattered materials in 'Hannibal once more' (1914, reviewed xxviii. 247, and G.J. xliii. 679). But he could not wholly escape further controversy; see G.J. xlvii. 136, lxiv. 241, 500.

Spent two autumn months in a mountain home 4,000 ft. above Sallenches and read a paper before the Club 'Bye Corners in Savoy, with several New Ways to Mont Blanc', with accounts of October walks (1) over the *Cols du Derochoir* and *de la Portettaz*, (2) viâ the *Pointe du Colloney* and Gers valley to Sixt, (3) over the *Croix Baulet* from La Giettaz, and of an ascent of the *Pointe Percée du Reposoir* (see above 1881) a description of the road from Albertville to St. Gervais viâ Megève; and a Table of New Ways to Mont Blanc, xii. 1, 337 (reprinted in 'Below the Snow Line').

1884. Scotland: Arisaig to Strome Ferry by a route described in a note on 'Tramps in the Western Highlands', xiii. 473–5.

1886. Kabylia: from Algiers visited Biskra; viâ Constantine and Philippeville to Bougie; thence (after visiting the Gorge of Chabet el Akra in Little Kabylia) crossed in two days to Fort National in Great Kabylia, camped on 3rd day at the foot of

the Jebel Jurjura; 4th day, made the first recorded travellers' ascent ('Proc. R.G.S.', xiii. 111) of *Ras Timorienin* (or *Timedouine*, 7,562 ft.) the second summit of the range, and travelled W. to Bordj Boghni. Note, 'An ascent in the Lesser Atlas', xiii. 41 (to which he added a 'Note on Algerian Mountains', xiv. 82); paper, 'Ostern in Afrika', Ö.A.Z., 1888, p. 241, reproduced in English in 'Below the Snow Line'; see xiv. 82.

1887. Caucasus with M. de Déchy: Naltshik to Uruspieh 22, 23/vii; first travellers' passage of the *Adyrsu* pass to Mestia, 25–7/vii ('Cauc.', ii. 142–8); viâ Latal to Betsho, 28/vii ('Cauc.', i. 242–5); first ascent of *Gulba* (without Déchy), 29/vii (ibid. 246–51); viâ Mestia and *Uguir* pass to Ipari, 31/vii; to head of Adish valley, 1/viii; to Mujal in the Mulkhura valley, 2/viii (ibid. 262–8); left Déchy and made the first ascent of *Tetnuld*, 5, 6/viii (ibid. 270–8); rejoined Déchy in the first passage of the *Upper Zanner* pass, 7/viii ('Cauc.', ii. 1–12, 250); descended the valley, visited the Mishirgi glacier (alone); on to Bezingi, 8, 9/viii; visited the Ulluauz glacier, 10, 11/viii; here Déchy left him (ibid. 13–15). First ascent of *Ukiu*, 12/viii; to Naltshik, 13/viii (ibid. 16–20); viâ Vladikavkaz and Tiflis to Kutais, 14–18/viii. By Alpana–Zageri, and the *Latpari* pass to Kal, 19–22/viii ('Cauc.', i. 187–94); to Ushkul, visited the source of the Ingur and discovered an exceptionally fine view-point on the ridge opposite Shkara, 23/viii ('Cauc.', i. 234–9). Crossed by the *Zagar* (24/viii), *Noshka* (25/viii), and *Va* (25/viii) passes (cf. 'Cauc.', i. 195–201, and see above, 1868) to Gebi; 1st ascent of *Shoda*, 28/viii ('Cauc.', i. 123–5); down the Rion to Oni, 29/viii; viâ Nikorzminda over the Nakarala range to Khibuli, 30/viii; to Gelati-Kutais, 31/viii ('Cauc.', i. 112–16).

He gave a 'Skeleton Diary of the tour', xiii. 353–77, and see 'Proc. R.G.S.', ix. 617–20; wrote a paper (read in part before the Club), 'Climbs in the Caucasus', xiii. 499, xiv. 1; partly reprinted in 'The Exploration of the Caucasus' (see below); read a paper before the R.G.S. on Suanetia ('Proc. R.G.S.', x. 325–49), and gave a more general account of 'the Peaks, Passes, and Glaciers of the Caucasus', ibid., pp. 677–704. Also read a paper before the Austrian A.C., on his return journey, at Vienna, 12/ix; and wrote on his 'Zweite Kaukasus-Reise', Ö.A.Z., 1887, pp. 271, 285.

1888. In January with L. Stephen at Grindelwald (*Faulhorn*, Wengern Alp, Scheideck, &c.; see Life of L. S., p. 394).

1889. Caucasus: with C. T. Dent (q.v.), C. H. Powell, and H. Woolley, an expedition made to ascertain the fate of W. F. Donkin and H. Fox (see 'Proc. R.G.S.', x. 790). Left Vladikavkaz, 16/vii; *Mamison* pass, 18/vii ('Cauc.',[1] i. 106–10); 1st passage of the *Zea Ceja* pass, 19/xii, to St. Nikola ('Cauc.', 137–43; xxiv. 221); *Kamunta* pass to the Urukh basin, 20/vii; pass into the Skatikom valley, 21/vii; pass out of the Skatikom valley to Zinago, and up the Karagom valley, 22/vii; to Stir Digor, 24/vii; by the *Shtula vsek* (*Stule vsek*) pass to Karaul 23/vii ('Cauc.', i. 147–55); reconnoitring expedition with Powell, up the hill N. of Karaul, to *c.* 11,500 ft., 27/vii; made the ascent from the S. of the *Ulluauz* pass, discovering the last sleeping place of Donkin and Fox, 29/vii ('Cauc.', ii. 69–88, 91–2, 261); back to Karaul, 30/vii; to Balkar, 1/viii. With Dent and Powell to Bezingi, 2/viii; to the Missess Kosh, 3/viii; ascended the Mishirgi glacier alone with the guide Fischer, 4/viii ('Cauc.', ii. 89–91); with Dent and Powell, 1st passage of the *Salynan Chiran* pass, 6/viii; to Chegem, 7/viii ('Cauc.', ii. 117–28) Here Dent left. With Powell, 1st passage of *Freshfield* pass to Uruspieh, 10/viii (ibid. 128/32); 1st passage of the *Akhsu* pass to Betsho, 12/viii (ibid. 37–42); expedition up the Leila valley, 16/viii; entertained by Prince Atar Dadish Kilian at Ezeri, 17–19/viii; 1st ascent of the NW. (lowest) peak of *Laila*, 20/viii ('Cauc.', 251–8). After a solitary walk to the pass at the head of the glen N. of Ezeri, started with Powell from Ezeri, 21/viii; by the *Utbiri* pass from the Nakra to the Neskra valley, 22, 23/viii; by the *Jodisuk* pass to the Kodor valley, 24, 25/viii; down the Kodor to Sukum Kaleh, 26–9/viii.

He read a paper on the actual search expedition before the R.G.S. ('Proc.', xii. 257–86); wrote notes on the rest of the tour, 'Explorations and Ascents in the Caucasus in 1889', xiv. 436–45, and read a paper before the Club on the last ten days, 'The Solitude of Abkhasia', xv. 237; reprinted 'Cauc.', II, ch. xxii. Another account of the tour up to 12/viii is given by Andreas Fischer in 'Zwei Kaukasus expeditionen'. See also C. T. Dent.

For some other communications on the Caucasus see ix. 182, xi. 271, xv. 372, xvi. 31, and above p. 141. In 1894 he was con-

[1] This and other references are to 'The Exploration of the Caucasus'. See p. 154.

templating a Central Caucasus C.G. (see xvii. 134) but abandoned this idea, and published in 1896 'The Exploration of the Caucasus' (2 vols. with contributions from J. G. Cockin, M. de Déchy (q.v.), H. W. Holder, H. Woolley, and T. G. Bonney, and illustrated by photographs by V. Sella (far the largest contributor), W. F. Donkin, Holder, and Woolley; reviewed xviii. 192 and G.J. viii. 153). See also xxvi. 313, 420, xxvii. 236, and xxx. 186.

1890. *Buet, Col d'Anterne, Jardin,* with children. *Mont Blanc* with W. M. Conway (xv. 328; Conway, 'Mountain Memories', 112–13). Note on the 'Chartreuse du Reposoir' and the ascent of the *Pointe Percée du Reposoir* from the north, xv. 331.

1891. *Dent du Midi, Col de Sagéroux,* and *Mont Blanc* with C. C. Tucker.

1892. Pyrenees: Montserrat, Gabas, Gavarnie, Val d'Arazas, *Mont Perdu, Brèche de Roland,* Luchon, *Pic Perdighero.*

1893. With C. T. Dent, *Piz Campo Tencia,* traverse of both peaks; *Basodino* by S. ridge, traversed to Tosa falls (C.A.I. Boll. 1901, p. 329); back to Bignasco by *Passo di Forco laccia*; *Bocca di Tuckett* and traverse to *Bocca di Brenta* (xxvii. 121); *Adamello;* high level route from Lares hut to Cedegolo; by Val Paisco and Val di Scalve to Schilpario (xvii. 518–19; see also xviii. 201).

1894. April. Corsica: *Monte d'Oro, Le Forcelle,* &c. Note 'Corsica revisited', xvii. 328–31.

Piz Bernina with C. A. V. Butler, E. J. Garwood, and B. Wainwright, guideless (xvii. 10); *Zwei Schwestern*; *Piz Ot*; *Piz Julier,* &c.; *Pizzo Scalino* traversed; *Monte della Disgrazia*; *Casnil* and *Zocca* passes with Butler; *Piz Badile,* descent to Val Codera, with same; *Crasta Guzza Sattel*; *Monte Redorta* from Agneda descent to Bondione, *Passo della Malgina.* He read a paper before the Club on some of these expeditions, printed under the title 'Notes on Old Tracks: (i) Behind the Bernina (reprinted in 'Below the Snow Line'); (ii) The Bergamasque Alps', xvii. 419, 513.

1899. Himalaya: with E. J. Garwood, V. Sella, and others, left Darjeeling, 5/ix; rode up the Teesta valley to Gantok, 8/ix; on to Changtharg, 13–15/ix; visited the Lachung valley with Garwood, 16/ix; to Lachen, 17/ix, where the Donkia La road and the horses were left behind. Up *Zemu* valley (18–20/ix) and glacier (21, 22/ix); F. ascended the glacier alone to the base of Kanchenjunga, 23/ix; then came the great forty hours' snow-

storm of 24/ix, which upset all plans and necessitated a complete change of programme. They returned with difficulty to the camp of 21/ix, and after two days started northward; crossed the *Thangchang La* (16,333 ft.), 29/ix; and the *Tne La* (16,752 ft.), 1/x, to the valley of the Lhonak river, which they ascended; climbed to a gap to the N., *c.* 18,000 ft., and camped at 16,290 ft., 3/x; 1st camp on snow, 17,519 ft., 4/x; crossed the *Jonsong La* (20,207 ft.), under exciting conditions, 6/x; descended *Jonsong* glacier; camped again on terra firma just below its junction with main Kangchenjunga glacier, at 17,260 ft., 8/x; down right bank of the latter, and the valley of the Kangchen river to Kunza, 9–11/x; here they joined Sir J. D. Hooker's 1848 route, and followed in his steps over the *Senon La* (*Chunjerma* pass), 14,853 ft., 13/x, and a 2nd pass, 15,361 ft., 14/x; crossed the *Kang La*, 16,313 ft., 15/x, reaching Jongri, 16/x. Expedition to the *Guicha La*, 16,430 ft., and back, 17–19/x; ascended *Kabur*, 15,830 ft., 20/x; viâ Pamionchi to Darjeeling, 21–5/x. This was the first 'Tour of Kangchenjunga' by Europeans.

He read papers on the expedition before the Club (xx. 161–84; translated M.A.V., 1901, pp. 191–5) and the R.G.S. (G.J. xix. 453–73), and described it in 'Round Kangchenjunga' (1903, reviewed xxii. 77, by T. G. Bonney, and G.J. xxiii. 244). See also xxii. 122. Later visited Burmah and Ceylon and ascended *Parasnath*, *Mount Abu*, and *Pedrotallagalla*.

Mention may here be made of his other Himalayan papers. The tour of W. W. Graham and Emil Boss (1883), and the appearance of a remarkable report by Col. H. C. B. Tanner on the Himalayan Survey (1884) led to the first group of these, which, besides criticizing the Survey, ranged over several much debated matters, the Highest Climb on Record, the disabling effects of High Altitudes, and the controversy, already old and highly complicated, over the naming of 'Mount Everest'. F. maintained from the outset that Everest could and would be climbed, and fought to the last in favour of giving a native name to the peak. See xii. 52–60, 99–108, 438–60 (to a large extent reproducing Proc. R.G.S. vi. 67–70, vii. 752–6, viii. 176–88) and Proc. R.G.S. xiii. 108–11. The High Altitude problem was again discussed, with W. M. Conway and M. L. Hepburn, xix. 48–54, 159–67, 175, 211–13, 282–4, xx. 438–40 (and see pp. 368–93); the Highest Climb

on Record reappears xxiii. 226–8, 345–8, and 421–3, and the 'Mount Everest' controversy, xxi. 317–20, xxii. 56–9, and xxxiv. 300–4. He wrote a Paper on 'The Conquest of the Mountains' with special reference to the Himalaya in *The Morning Leader* for 4/v/1911, and one on 'The Conquest of Mount Everest', xxxvi. 1–11; and 'Everest: The Last Climb', xxxvi. 277.

1900. *Piz Gallegione*; *Schwestern*; *Piz Morteratsch.*

1901. *Tschingel* pass and *horn.*

1902. *Piz Corvatsch*; *Pizzo della Margna*; *Piz Palu*; *Monte Scorluzzo*; *Ortlerspitze*; *Ifingerspitze.*

1903. Easter: *Soracte*; *Monte Gennaro*; *Monte Ciceo.* Summer: Norway: *Olden Gjendiaksten* (6,405 ft.)

1904. Greece: *Pentelicus*, 14/v; *Taygetus*; *Parnassus* (paper, 'Classical Climbs', xxii. 413–20, on these ascents and those of Easter 1903, reprinted in 'Below the Snow Line').

1905. To South Africa with the British Assoc. (see xxiii. 50); ascended *Table Mountain* (xxiii. 181); visited the Victoria Falls of the Zambesi river; returned by E. coast to Mombasa. With A. L. Mumm (who joined him at Nairobi, 30/ix), left Entebbe, 6/x; arrived at Fort Portal, 21/x; left –/x; reached Ibanda in the valley of the Mubuku R., 27/x; entered the mountains 28/x; reached Bujongolo, the highest native shelter, 1/xi; visited the glacier at the head of the valley, 2/xi; left, 3/xi; Ibanda 4/xi; Katwe on N. shore of lake Albert Edward, 8/vi. Returned by Mbarara, where they stayed, 16–20/xi, and Masaka; Entebbe, 1/xii.

He wrote a sketch of the tour, xxiii. 45–50 (and see G.J. xxvi. 481–6), and read a paper on it before the Club, xxiii. 87–98, 185–202 (reprinted in 'Below the Snow Line'). For some notes by him on later visitors to Ruwenzori, see xxiii. 386; G.J. xxvii. 617; xxviii. 481; xxix. 326.

1907. Bosnia–Herzegovina: viâ Agram and Banjaluka to Jaice; by the *Maklan* pass to Jablanitza; ascended the *Prenj*; Serajevo; by rail to Foça; by the Sutjeska gorge, and Cemerno pass to Gatchko; Trebinje; Ragusa.

He wrote a paper on the tour, 'Through the Dinaric Alps', xxiv. 209–18 (reprinted in 'Below the Snow Line), and a note, 'The Mountains of Dante', ii, on the probable identity of Tovarnich or Taberniceh and the Sutjeska gorge, xxiii. 625–7. See also xxx. 19–22, and G.J. xlvi. 429–32.

1912. Visited Gavarnie, the Picos di Europa (see vi. 66–70), and Portugal.

1913. By the Trans-Siberian Railway to Vladivostok, China, and Japan ; he wrote a paper on the Japanese portion of the tour, ' A Playground at the East End ' (xxviii. 156–65, reprinted in ' Below the Snow Line ') with notes on the excursions from Miyanoshita, Kofu, and lake Shoji, Ikao, and the peaks of Myogi-san, and a passage of the *Tokugo-toge* to Kamikochi in the Japanese Alps, returning by the *Abo-toge*.

1920. Canadian Rockies and Selkirks : *Asulkan* pass ; *Mount Abbott*.

His Presidency was noteworthy for the move from the Club's original home in St. Martin's Lane to our present home in Savile Row ; the latter was his discovery and he took the principal part in securing it for the Club ; he also made the suggestion (which was adopted later) of using it for Informal Meetings (see xviii. 4–5). He also was mainly responsible for the special character and the duration of the Winter Exhibition of 1894 (Pictures and Photographs) in the Conduit Street Galleries, which lasted for a fortnight instead of two days as in preceding years (see below and xvii. 202, 336, xviii. 6), and included works by G. F. Watts, Corot, Rousseau, Costa, J. M. Swan, Marcus Stone, W. B. Richmond, Lord Leighton, and J. M. W. Turner. He succeeded M. Hall (q.v.) as British member of the International Commission on Glaciers, and wrote an article on Caucasian glaciers, xviii. 481–2. See also xxiii. 328–9. In 1923 he was received by Pope Pius XI, to whom he presented, on behalf of the A.C., a portfolio of photographs of the Mount Everest district (xxxv. 115).

Among his other contributions to the A.J. the following may be mentioned :

' History of the Buet and Notes on Early Mountaineering in the Pennine Alps ', ix. 6–31 (read before the Club, see viii. 471) ; ' Placidus a Spescha and Early Mountaineering in the Bundner Oberland ', x. 289–313. These papers were intended to supplement W. Longman's unfinished sketch of Modern Mountaineering. ' The Saracens at Saas ', ix. 208–13, 282–8 ; x. 274. ' Paccard versus Balmat ', xix. 341–9 ; xxvii. 202–9. See also Notes on Tournier l'Oiseau, xvii. 369–70 ; and The Col de la Sauce, xix. 470–4. Early Ascents of Ararat, viii. 213–21.

' Alpine Art in the Exhibitions ', ix. 37–45 (1878) and 302–4

(1879); 'The First Appearance in Art of Mont Blanc', xxiii. 336–7; 'Sources of the Mountain Landscape in Tennyson's Poetry', xviii. 408; see also xii. 343–50, xix. 558 (cf. p. 141 above) and xxiii. 625 (see 1907, p. 156 above).

In Memoriam Notices of Michel Alphonse Couttet, xiii. 261; Emil Boss, xiv. 67; G. Barnard, xv. 282; J. Murray, xvi. 114; J. Gilbert, xvi. 451; J. Ruskin, xx. 127; F. Devouassoud, xxii. 527, xxxi. 198; J. J. Hornby, xxv. 46; Sir J. D. Hooker, xxvi. 61 (cf. pp. 109–10); G. Loppé, xxvii. 334; F. F. Tuckett, xxvii. 340; Lord Bryce, xxxiv. 303; C. C. Tucker, xxxiv. 457.

'The Future of the Alpine Club', xx. 300–5.

Views on various Alpine Controversies, v. 335–6; ix. 381; xviii. 335–44 (and 345-9 ?); xix. 281.

Miscellaneous, vii. 443; xxiv. 177–8.

Many of his most trenchant utterances on these and other topics are scattered through his Reviews, which from vol. vi onwards are very numerous, though in a large proportion of cases, especially during his editorship, unsigned. See e. g. x. 283–8, 409; xii. 350–4; xiii. 41–6; xvii. 286–8; xxi. 489–93; xxiii. 276–8; xxiv. 282–7, 443–6.

Presidential Address xviii. 1–17. Speech at Jubilee Dinner, xxiv. 53–8.

Editor of the 1879 and 1880 editions of Murray's Handbook to Switzerland; author of 'Travels in the Caucasus', *Edinburgh Rev.* 1877 (No. 145) pp. 44–67; 'Recent Mountaineering Literature', *Quarterly Rev.* 1901 (No. 387), pp. 126–48; articles on 'John Ball' in D.N.B., on 'the Engadine' and 'the Grisons' in 9th ed. of Encycl. Britannica; on F. Devouassoud in Pioneers of the Alps; ch. ix, on 'Mountaineering beyond the Alps' in the Badminton Library volume on Mountaineering (see C. T. Dent); Foreword to the Catalogue of the above-mentioned Winter Exhibition of 1894; In Memoriam notices in 'The Author' of Sir L. Stephen and Sir H. Bergne; numerous reviews in the *Academy* and the *Athenaeum*; and of the following works in book form, 'From Thonon to Trent' (1865, privately printed); 'Travels in the Central Caucasus and Bashan' (1869); 'Italian Alps' (1875); 'The Exploration of the Caucasus' (2 vols., 1896); 'Round Kangchenjunga' (1903); 'Hannibal once more' (1914), all of which have been already mentioned; 'Unto the Hills' (verse, 1914, reviewed xxviii. 414 and G.J., xliv. 314); 'The Life of

Horace-Benedict de Saussure ' (with the Collaboration of H. F. Montagnier, 1920, reviewed xxxiii. 435, G.J. lvii. 53 and 219, by J. N. Collie ; French edition 1924) ; ' Quips for Cranks ' (verse, 1923, privately printed) ; ' Below the Snow Line ' (1923, a collection of papers referred to above, reprinted with considerable modifications ; reviewed by G. Yeld xxxv. 117, by W. Weston G.J. lxi. 372).

Mainly in recognition of the merits of the Life of De Saussure the University of Geneva conferred upon him, in 1923, the Honorary Degree of Doctor of Laws. See xxxv. 121–2, G.J. lxii. 58.

William Blagdon Gamlen

(Dec. 1875, resigned 1885)

Born 6 May 1844, Hayne, near Tiverton. Son of William Hornsey Gamlen of Brampford Speke, Devon, and Elizabeth, d. of John Blagdon, of Puddingham.

Married 1884 Florence, d. of Charles Mostyn Owen, of Iffley, Chief Constable of Oxfordshire.

Educated Tiverton School and Exeter College, Oxford ; 3rd Class in Literae Humaniores, 1867.

Barrister (Inner Temple), 1870.

Secretary to the Curators of the University Chest, Oxford, 1873–1919.

Died 8 May 1919. (*Oxford University Gazette.*)

Q. Alpine.

1875. *Mont Blanc*, 15/viii.

Frederick Gardiner

(Feb. 1871, C. 1879–81, V.P. 1896–8, d.m. 1919)

Born 22 Aug. 1850. Son of George N. Gardiner, of Liverpool.

Married 1881 Alice, d. of Josiah Evans, of Haydock, Lancashire, and first cousin of C. and L. Pilkington.

Shipowner, Liverpool.

Died 28 March 1919. (In Memoriam, by L. Pilkington, xxxiii. 99.)

Q. Alpine.

Member of the S.T.D. (1877) ; of the C.A.F., Section Paris, 1867 ; Climber's Club (original).

1868. 1st visit to Switzerland.

1869. *Faulhorn*; *Monte Rosa*; *Theodule*; *Col du Géant*.

1870. With T. Cox (q.v.), *Surenen* and *Joch* passes; *Strahlegg* pass; *Oberaarjoch*; *Aletschhorn*; *Piz Languard*; *Piz Morteratsch*; *Piz Zupo*; *Sella* pass; *Passo di Val Viola*; *Piz Umbrail*.

1871. *Schilthorn*; *Mettenberg*, 8/vii; *Mönchjoch* and *Jungfrau*; *Matterhorn*, 22/vii (xxxii. 99), with F. and Miss L. Walker. *Cols de Valpelline*, *d'Oren*, and *de Fenêtre* (Ö.A.Z. xiii. 134), with T. Cox. *Grivola*; attempt on *Mont Blanc* from Col du Geant, ascending *Mont Blanc du Tacul*, 21/ix.

1872. *Buet*; attempt on Mont Blanc by *Aiguille du Goûter*; *Col du Tour*; *Col des Maisons Blanches* and *Grand Combin*; *Col des Pauvres*; *Col d'Oren*, –/vii (Ö.A.Z. xiii. 134 note); *Col de Vacournera*; *Theodule*; *Breithorn*, descending by a new route to Ayas; returned by the *Zwillingejoch*, ascending *Pollux*, and discovered the body of a dead man on the Verra glacier on their way, 16/vii (vi. 99; viii. 379); the *Dom*; traverse from Zermatt to Breuil of the *Matterhorn*, 23/vii ('Pioneers', 104; C.A.I. Boll. vi. 447; R.M. i. 47), and return by *Furggenjoch*; *Gabelhorn* traversed; *Triftjoch*. All these expeditions, except the last, with T. and S. G. C. Middlemore.

1873. With T. Cox, R. and W. M. Pendlebury, and C. Taylor, 1st passage of the *Col du Pavé*, 10/vi; *Peyrou d'Amant*, 13/vi; attempt on the *Rateau* (then unascended) by the E. arête (foiled by bad weather), 14/vi; and the 1st passage of the *Brèche de Charrière*, 16/vi; with the same except R. Pendlebury, the 1st ascent of the *Sommet des Rouies*, 19/vi; with the whole party, 1st ascent of the *Roche Faurio* and by Col des Ecrins route to Vallouise, 21/vi; 2nd ascent of *Pic Centrale* of the *Meije*, 24/vi; with Cox, *Brèche de la Meije* (apparently 4th passage, see C.A.F. Ann., 1878, p. 29), 25/vi (vi. 288–9; he wrote a paper on these expeditions, 'Dauphiné in 1873', vii. 80–92); with Cox, *Old Weisstor* (vii. 92); crossed the *Rothhorn* from Zermatt to Zinal (2nd ascent from Zermatt and 1st traverse), 2/vii (vi. 295); *Moming* pass; *Matterhorn* (up and down from Zermatt in 20½ hours), 7/vii ('Echo', 1873, p. 237). See xxxii. 100. *Rimpfischhorn* ('Tourist', 1873, p. 316).

1874. Caucasus: with F. C. Grove, A. W. Moore, and Horace Walker, left Kutais by the old Mamison pass route, 6/viii; crossing the *Satchori* pass, 7/vii; reached Gebi, 8/vii. Crossed the *Sharisvek* pass (a glacier pass, used by natives) to the Cherek

valley, 12/vii ; visited the Dykh-Su glacier, 13/vii. To Bezingi in the W. Cherek valley, 15/vii ; ascended the Bezingi glacier to the base of Janga, 18/vii ; to Chegem, 19/vii ; to Uruspieh in the Baksan valley, 21, 22/vii. Ascended *Tau Sultra*, 24/vii. Made the 1st ascent of the W. (highest) summit of *Elbruz*, 28/vii. Crossed the *Kiurtiun* pass to the valley of the Malka (Shaukam), 30/vii ; to Utshkulan in the Kuban valley, 31/vii, 1/viii. Crossed the *Nakhar* pass to the Kodor basin, 4/viii. To Sukhum Kale, 8/viii. Bad weather prevailed during almost the whole trip. A full itinerary is given, vii. 100–3. Gardiner read a paper before the Club on the ascent of Elbruz, vii. 113, and wrote a paper, 'The Second Expedition to the Caucasus', xxx. 192.

1875. With T. Cox, *Grosse Windgälle* ; *Clariden Grat* or *Planura* pass ; *Tödi*, 12/viii (he wrote a paper on the expedition, Levasseur, p. 294) ; *Richetli* and *Segnes* passes ; *Passo del Ferro*, with 1st ascent of W. summit of *Pizzi del Ferro*, and 1st travellers' passage of the *E. Passo di Bondo*, 17/viii (vii. 327–8 ; Bernina C.G., pt. i, pp. 41, 42, 113) ; *Monte della Disgrazia*, meeting H. Cordier near the summit, 19/viii (C.A.F. Ann., 1875, p. 509) ; *Cresta Agiuzza Sattel* ; *Piz Sella* ; *Piz Roseg* ; *Königsspitze*, 28/viii ; *Monte Tresero*, 30/viii ; *Hochjoch* to Sulden (? 1st passage in this direction), 2/ix ; *Ortlerspitze*, 3/ix (note, M.A.V., 1900, p. 106, correcting M.A.V. ii. 20 ; E. ii. 91) ; *Weisskugel* ; *Wildspitze* ; *Similaun* ; *Ramol Kogel* ; 4th ascent of the *Hohe Wilde* (*Hoch Wildspitze*), 11/ix (vii. 329 ; E. ii. 362 ; M.A.V. ii. 55).

1876. *Diablerets* traversed, 14/vi (viii. 400) ; *Krinnen* pass, 15/vi ; *Wildhorn* by a new route from Lauenen, 16/vi ; *Wildstrubel* traversed, 19/vi ; *Balmhorn*, 20/vi ; *Lötschen* pass, 21/vi ; reached about 11,600 ft. on the *Bietschhorn*, driven back by bad weather, 23/vi ; *Petersgrat*, 24/vi ; *Eiger*, 28/vi, all with T. Cox. He described these expeditions in a paper, 'Mountaineering in June, 1876', viii. 269. Traversed the *Fletschhorn* with Cox, ascending by a new route from Simplon, 5/vii (viii. 106 ; x. 490). *Weissmies* traversed, 6/vii ; *Laquinhorn*, 7/vii ; *Schwarzberg Weissthor*, 8/vii. He described these expeditions in a paper, 'Expeditions from the Saasthal', viii. 148–52. *Lyskamm*, 10/vii ; 2nd ascent by the S. arête of *Dent Blanche*, 12/vii (viii. 114, xv. 66–8 ; Pennine C. G., 77 note) ; *Col du Grand Cornier* 13/vii ; *Col Durand*, 14/vii ; *Strahlhorn*, 15/vii ; *Felikjoch* and *Castor*, 17/vii (the two last expeditions were made with

L. R. Whigham); *Col d'Olen*, 18/vii; *Sesiajoch*, 19/vii; *Weisshorn* (with F. J. Church and W. A. B. Coolidge, S.A.C.J. xii. 23), 21/vii; *Täschhorn* (with H. R. Whitehouse), 24/vii; *Mischabeljoch* with A. Cust, S. Porges, W. A. B. Coolidge, and F. T. Wethered, making the 1st ascent of the *Alphubel* by the N. arête with Coolidge and Wethered, 27/vii; *Ried* pass with Cust and Wethered, 28/viii (these two expeditions are described in the Saasthal paper, viii. 152–3; see above); with the same two ascended the *Biesjoch* from Randa, traversed the *Brunegghorn* to the *Bruneggjoch* (this descent being new) and descended to Randa, 29/viii (viii. 108); with Cust, *Cols d'Hérens* and *de Bertol*, 1/viii; 7th ascent (a new route viâ Col de Chermontane and NW. arête), of *Mont Collon*, and by *Col d'Oren* to Prerayen, 3/viii (viii. 133–5); *Dent d'Hérens* traversed, to Zermatt by the *Tiefenmattenjoch*, 4/viii. Made the following guideless expeditions: with J. E. P. Gage and T. A. Bishop, *Monte Rosa*, 8/viii; with J. E. P. and U. W. T. Gage, a tour of the Breithorn by the *Schwarzthor*, the heads of the *Verra* and *Aventina* glaciers, and the *Theodule*, ascending the *Klein Matterhorn* on the way, 10/viii; and the 1st passage of the *Langenfluhjoch*, 12/viii (viii. 107); and made an ascent of the *Breithorn* from the North with Bishop, 14/viii. *Stockhorn-Hochthäligrat*, 16/viii; *Riffelhorn*. He described these expeditions in a paper, 'Expeditions round Zermatt and the Riffel in 1876', viii. 375. Also wrote a paper, 'Nouvelles Expéditions dans le District de Zermatt', C.A.F. Ann., 1876, p. 411, on the expeditions of 5, 12, and 29/vii, 10 and 14/viii; a complete list of his expeditions for the year, 41 peaks and passes, is given on p. 415.

1877. With C. Pilkington, *Klein Schreckhorn*; *Finsteraarjoch*, *Agassizjoch*, and *Grünhornlucke*; 1st passage of the *Griesglet-scherjoch* (*Blindenjoch*) and 3rd ascent, by a new route from the pass, of the *Blindenhorn*, 29/vi; *Basodino* traversed (new descent to the Antabbia glacier), 1/vii; *Crinerfurke*, 2/vii; 2nd recorded passage of the *S. Banjoch* (*Ofenjoch*; see Lepontine C.G., 44) and 1st ascent of the *Hohsandhorn*, whence they traversed the *Strahlgräte* to the *Rappenhorn* or *Mittaghorn*, and descended from the latter peak to Viesch, 4/vii; the whole of this traverse was new (viii. 340–1; ix. 171. He wrote a paper on these 'Excursions in the Lepontine Alps', ix. 57, which was read before the Club. See C.A.I. Boll., 1901, pp. 145–6, 167, 234). *Bietschjoch* and *Bietschhorn*; *Lötschen* pass; *Doldenhorn*; *Weisse Frau* and

Blumlisalp; *Wilde Frau*; *Pigne d'Arolla* and *Col de Breney* (Ö.A.Z. xiii. 134 note); *Col de Fenêtre*; *Grandes Jorasses*; *Col de Miage*; *Mont Blanc*.

1878. Made the following expeditions with C. and L. Pilkington, without guides: *Monte Viso*, 9/vii; *Col dell' Agnello*, 10/vii; 1st ascent of *Les Arcas*, 12/vii; 2nd ascent by a partly new route of the *Pic des Aupillous* (*Opillous*), 14/vii; 1st ascent of *Jocelme* (Les Bans group) 15/vii (ix. 357; x. 138); *Mont Pelvoux*, 17/vii; *Pic des Ecrins*, 18/vii (13th, and 1st guideless ascent, C.A.F. Ann., 1882, p. 66); 2nd ascent, by a new route, of *Pic Coolidge* (*Pic du Vallon*), 21/vii; *Col du Sélé*, 23/vii; 1st ascent of the highest *Aiguille du Soreiller*, 24/vii; 1st passage of the *Col de Chalance*, 28/vii; *Col des Sellettes* and 2nd ascent of the *Cime du Vallon*, 29/vii; 1st ascent of the *Roche d'Alvau*, 31/vii; 3rd ascent of the *Rateau*, by a new route, 2/viii; *Col de la Lauze*, 3/viii (ix. 90–2). He read a paper before the Club on the tour, 'Mountaineering in Dauphiné without Guides', ix. 219, and wrote a paper, 'Courses sans guides en Dauphiné', S.T.D. Ann., 1878, p. 74.

1879. Made the following expeditions with C. and L. Pilkington without guides: *Aiguille du Plat*, 4th ascent, 7/vii; *Col des Berches*, 9/vii; *Col de la Vaurze*, 10/vii; 1st ascent of the *Pic Jocelme* (Bonvoisin group), 12/vii; 1st ascents of the *Chaillol Cone* and the W. (highest) summit of the *Jumeaux de Chaillol* (*Montagne de l'Ours*), 15/vii; central summit of *Pic d'Olan*, 4th ascent, 17/vii; *Col du Says*, 19/vii; 4th and 1st guideless ascent, by a partly new route, of the *Meije*, 25 and 26/vii (ix. 411); *Col du Clot des Cavales*, 28/vii. With L. Pilkington only, without guides, 1st passage of the *Col Tuckett* and 2nd ascent by a new route of the *Montagne des Agneaux*, 30/vii; 1st ascent of *Pic Bonvoisin*, reached by the *Col du Loup du Valgaudemar*, 1/viii; *Pas de la Cavale*, 2/viii; 1st ascent of the *Pic de Verdonne*, 3/viii; 3rd ascent (2nd from Val Champoleon) of the *Sirac*, 4/viii (Dauphiné C.G. 226); *Col des Navettes*, 1st recorded passage by travellers, *Vieux Chaillol*, 1st English ascent, 5/viii (ix. 357–62). He read a paper before the Club on some of these expeditions, 'Three New Ascents without Guides in Southern Dauphiné', x. 141 (which appeared in French in S.T.D. Ann., 1881, p. 86), and wrote a paper on the tour, 'Courses sans Guides en Dauphiné, été, 1879', S.T.D. Ann., 1879, p. 96.

1880. See W. A. B. Coolidge.

Gardiner wrote a paper on the expeditions of 11 to 16/vii, S.T.D. Ann., 1880, pp. 64–71.

1881. Made the following expeditions with C. and L. Pilkington, without guides: *Sustenhorn* and *Thierälplijoch*; *Dammastock*; *Wetterhorn* (from Rosenlaui to Grindelwald), 2nd guideless ascent; *Jungfrau* from the Wengern Alp, 1st guideless ascent by this route, 30/vii (x. i. 386; Studer; 185). *Finsteraarhorn*, 1st guideless ascent (Studer, i. 118); *Mönchjoch*; *Petersgrat*; *Gross Nesthorn* from Ried viâ the *Beichpass*, descending by the *Gredetschjoch* (Studer, i. 370); *Matterhorn* in one day from Zermatt; *Col d'Herens*; *Col du Grand Cornier*; *Rothhorn* traversed (x. 418–19).

1882. With Mrs. Gardiner crossed the Pyrenees from Gabas to Panticosa by the *Col d'Ancou*, 9 and 10/v; and ascended the *Montserrat* mountain in Catalonia, 1/vi (papers, 'Across the Pyrenees', xi. 399, and 'A Visit to Montserrat', xi. 226–8).

1885–93 inclusive, see W. A. B. Coolidge. He wrote the following papers on climbs made during these seasons: 'The 1st ascent of the Hühnerstock' (1886), xiii. 309 (see also xv. 323–4; xxiii. 17); 'Ma Huitième Campagne dans l'Oisans' (the season of 1887), S.T.D. Ann., 1887, p. 98; 'A Week amongst French Dolomites' (19–25/ix/1888), xiv. 211 which also appeared in French, S.T.D. Ann., 1888, pp. 126–44; 'The 1st ascent of the Punta del Broglio' (8/viii/1889), xiv. 466.

1894. At Grindelwald, 23/ix–8/x, with Mrs. Gardiner, on their way to Venice and Corfu, but made only minor expeditions.

1895. *Wildstrubel*, *Altels*, *Rinderhorn*, all with Mrs. Gardiner; *Pfaffenstock*; *Strahlegg* pass; *Strahlegghorn*; *Schreckhorn*; *Eiger*; *Mittelhorn*; *Mönch* and *Mönchjoch*.

1896. With Mrs. Gardiner, *Strahlegg* pass, 21/ii.

1897. *Burg*, *Rothihorn*, *Schwarzhorn*; *Faulhorn*, with descent to Giessbach, 4–12/vi; *Rosenhorn*, *Ewig Schneehorn*, *Rosenegg*, *Wetterlimmi*, 15–20/vi; *Silberhorn*, 22/vi; *Mutthorn*; *Tschingelhorn* and pass; *Wetterlücke*; *Lauterbrunnen Breithorn*; *Gross Viescherhorn*, *Ochsenhorn*; *Kranzberg*, 2nd ascent; *Berglistock*; *Petersgrat*; *Gämchilücke*, *Grünhornlücke*; *Lötschenlücke*, *Lauteraarjoch*, 23/vi–7/vii; *Lauteraarhorn*, 9/vii; *Wetterhorn* with Mrs. Gardiner (paper, 'Early Summer in the Oberland', xviii. 498–501).

1898. Made a winter ascent, a traverse, of the *Wetterhorn*

with Mrs. Gardiner, 28/i (xix. 92 ; see also xxiii. 16 ; R.M., 1898, p. 57). In summer : *Wendenstock*, *Titlis*, *Gwächtenhorn*, *Hangendgletscherhorn*, *Hubelhorn*, *Renfenhorn*, *Oberaarhorn*, *Galmihorn*, *Finsteraar Rothhorn*, *Studerhorn*, *Schienhorn* (Bel Alp), *Aletschhorn*, *Lötschtaler Breithorn*, *Gross Wannehorn*, *Trugberg*, *Mönch*, *Grosshorn*, *Gspaltenhorn*, *Mittellegi* pass. See xix. 326, and xxiii. 16.

1899. *Mettelhorn* ; *Feejoch* ; *Allalinhorn* ; *New Weissthor* ; *Tête Blanche* ; *Chateau des Dames* ; *Monte Rosa* ; *Cima di Jazzi* with T. Cox ; *Jägerhorn* ; *Unter Gabelhorn*, and many minor peaks ; *Monte Leone* ; *Corno Bianco*.

1900. *Gross Spannort* ; *Fleckistock* ; *Galenstock* ; *Gerstenhorn* ; *Muttenhorn* ; *Furkahorn* ; *Rhonestock* ; *Thieralplistock*. *Wyttenwasserstock* ; *Piz Pesciora* ; *Pizzo Rotondo* ; *Hühnerthäligrat* ; *Ritzlihorn* ; *Ebnefluh* ; *Dreieckhorn* ; *Jungfrau* ; *Agassizhorn* ; *Ofenhorn*, 19/vii (C.A.I. Boll., 1901, p. 198) ; *Cherbadung* ; *Helsenhorn*; *Tour Sallières* from Salanfe, 1st descent to Col d'Emaney (there had been one previous ascent by this route), 24/vii (Z.A.V., 1910, pp. 126, 132) ; *Dent du Midi* ; *Portiengrat* ; *Bortelhorn* ; *Tunnetschhorn* ; *Hüllehorn* ; *Piz Mottiscia* ; *Wasenhorn* ; *Basodino* ; *Passo di Valaverta*.

1901. *Bärenhorn*, 8/vi ; *Surettahorn*, 10/vi ; *Lattenhorn* and *Tambohorn*, 11/vi ; *Averser Weissberg*, 12/vi ; *Piz Platta*, 18/vi ; *Piz Michel*, 20/vi ; partial ascent of *Piz Aela*, 23/vi ; *Tinzenhorn*, 24/vi ; *Piz Kesch*, 26/vi ; *Piz Vadret*, 27/vi ; *Silvrettahorn*, 30/vi ; *Piz Buin* and *Fuorcla del Confin*, 2/vii ; *Piz Fliana*, 4/vii ; *Fluela Weisshorn*, 8/vii ; *Verstanklahorn*, 9/vii ; *Piz Linard*, 10/vii ; *Jamjoch*, 12/vii ; *Fluchthorn* and *Zahnlücke*, 13/vii ; *Samnaunjoch*, 15/vii ; *Muttler*, 15/vii (he wrote a paper on this part of the season, 'Early Summer in the Grisons', xxi. 17). *Piz Bernina* ; *Piz Palü* ; *Tschierva* ; *Il Capütschin* ; *Monte Sissone*, and many passes. With his son George, *Mönch* ; *Grüneck* pass (new), *Gross Grünhorn*, and 1st ascent of the N. (higher) *Grüneckhorn*, 8/viii (xxii. 160 ; see xxi. 562) ; *Gletscherhorn* ; *Eiger* ; *Wellhorn* ; *Wetterhorn* ; *Jungfrau* from the Roththal ; *Mönchjoch*.

1902. *Strubel* pass, *Steghorn*, *Gizzifurka*, *Ferden Rothhorn*, *Tennbachhorn*, *Tellispitzen*, *Wilerhorn*, *Klein Bietschhorn* ; *Bistenen* pass, *Monte Leone*, *Wasenhorn* ; *Furggwanghorn*, *Turtmann Schwarzhorn*, *Dreizehnenhorn*, *Steinthalhorn*, *Bella Tola*, *Diablons* ; *Fusshorn* (Bel Alp), *Sattelhorn* (Bel Alp), 10/vi–2/ix.

1903. *Loitecondoi, Mont Brulé, Grand Dent de Veisivi, Pigne d'Arolla, Aiguille de la Za*; *Mont Blanc, Petits Charmoz, Aiguille du Midi, Aiguille du Tacul, Aiguille des Grands Montets, Aiguille d'Argentière, Aiguille du Moine, Aiguille du Tour, Mont Dolent, Punta Isabella, Aiguille de Béranger, Mont Tondu, Aiguille du Géant, Col des Flambeaux, Fenêtre de Saleinaz*; *Cols du Géant, de Chardonnet, d'Orny, de Trélatête*, and *du Mont Tondu*.

1905. *Hohgant*; *Morgenberghorn*; *Sigriswiler Rothhorn*; *Wildgerst, Gerstenhorn*; *Sulegg*; *Gwachten* (near Grindelwald); *Schwarz Mönch*; *Tschingelgrat* and *Tschingelspitze*; *Buttlassen*; *Dossenhorn*; *Gruben* pass, *Diechterhorn*; 1st recorded ascent of the *Aelplistock*, 4/vii (xxii. 617); *Brandlammhorn*, new route from Bächli glacier, 9/vii (xxii. 617); *Berglijoch*; *Rosenhorn*; *Ankenballi* and *Huhnerthälihorn*; *Fünffingerspitze*; *Mittel Thierberg*, new ascent by N. arête, 23/vii (Bernese C.G. iv. i. 99); *Sustenspitz*; *Titlis* and *Titlisjoch*; *Wasenhorn* (near Stein), new route from Wenden glacier, 28/vii (xxii. 618).

He wrote a paper, 'Expeditions from the Gauli glacier and the Bächlithal', xxiii. 16–19, based on his visits to that district in 1886, 97, 98, 1900, and 1905.

1906. *Grand* and *Petit Muveran, Pointe d'Aufallaz, Dent aux Favres*; *Pointe de Rosa Blanche, Mont Fort, Pic d'Arzinol, Sasseneire, Pointe de Vouasson, Becs de Bosson, Frilihorn, Barrhorn, Pigne de l'Allée, Garde de Bordon, Diablons, Grand Cornier, Pointe Tounot, Illhorn*; *Torrenthorn, Alte Gemmi, Gross Strubel, Lämmernjoch, Wildhorn, Arpelistock*.

1908. *Gross Scheerhorn, Gross Ruchen, Vorab, Piz Segnes*; *Weissensteinhorn, Alperschellihorn, Splügen Weisshorn, Zapporthorn, Piz Medel, Piz Ganneretsch, Bocca di Cadlimo, Piz Lucendro, Pizzo Centrale*.

1909. *Glärnisch*; *Scaradra* pass, *Zervreilerhorn, Rheinquellhorn, Einshorn*; *Piz Groppera, Piz Stella, Piz Timun*; *Pizzo dellas Calderas, Cima di Fliz, Piz Julier, Piz d'Err*; *Ringelspitz, Tristelhorn*; *Scesaplana, Schweizerthor, Gross* and *Klein Thurm, Sulzfluh, Patteriol, Saumspitze, Hoher Riffler, Scheiblerkopf, Plankahorn, Vollandspitz*; the *Speer*.

1910, 11 (59 days' work, 10 rest days), 12, 13. See records of expeditions in vols. xxv–xxvii of A.J. He closes his record for 1913 thus: 'This is my 46th season, 1,200th ascent in the mountains, and 81st (obviously should be 51st) visit to the Alps.'

In the spring of 1913 he visited India, and saw Mount Everest from Tiger Hill, Darjeeling.

1914. At Belalp: climbed the *Hohstock*, *Poupée*, *Wittwe*, and *Graf*, 26/vii; then went back to England, meaning to return to the Alps, but was prevented by the war.

An account of his Alpine career, based largely on his Diaries, was compiled by W. A. B. Coolidge and privately printed in 1920.

Wrote In Memoriam notices of Aimé Lagier, xi. 106; T. Cox, xxi. 36; R. Pendlebury, xxi. 124; and Miss Lucy Walker, xxxi. 97; the article on Peter Knubel in 'Pioneers of the Alps'; reviews of Wm. Conway's 'Zermatt Pocket Book' (x. 176), and 'The Guide du Haut Dauphiné' (xiii. 277).

From 1875 he was for many years, with G. E. Hulton, the principal organizer of informal gatherings in the Lake District and North Wales. Particulars of these gatherings from 1878 to 1882 are given in the A.J.

One of the earliest members of the Club to climb in the Lake District and a pioneer of climbing in the British Isles. In 1872 made a new ascent of the *Pillar Rock* with R. Pendlebury (q.v.) by 'Pendlebury's Traverse' (xxi. 125; F.R.C.C.J. ii. 16, and vi. 67). No other expeditions of his in this region are recorded, but in his paper on the season of 1878 he says that for many years he and the Pilkingtons had been 'in the habit of wandering among the hills of Cumberland and Westmorland at all periods of the year, but more especially in the winter season', gaining thereby 'considerable knowledge of rock-work' (ix. 221).

In 1896 he was invited, but declined, to undertake the Editorship of the A.J.

Charles John Spencer George Canning, Lord Garvagh

(Feb. 1875, resigned 1878)

Born 2 June 1852. Eldest son of Charles Henry Spencer George, 2nd Baron Garvagh, and Cecilia Susannah, d. of John Ruggles Brise of Spains Hall, Essex. Succeeded his father as 3rd Baron, 1871.

Married 1877 Florence Alice, d. of Baron Joseph de Bretton, of Copenhagen.

Educated Christ Church, Oxford; B.A., 1874.

J.P. and D.L. Co. Londonderry. Lieutenant 2nd Brigade,

North Irish Division R.A. Owned about 15,500 acres.
F.R.G.S., 1876.
Died 7 Feb. 1915. ('Who's Who').

Q. Alps, Iceland, Norway.
Member of N.T.F.
1872. Iceland: arrived at Reikjavik, 19/vii; ascended *Hecla*, 24/vii; visited the Geysers at Skalholt and Thingvalla; went by sea to Bordeyri, thence by land to the *Snaefell's Jokul*; an attempt on this mountain was frustrated by the illness of his guide, 21/viii; sailed for Norway, 26/viii; arrived at Aalesund, 19/ix; made a high level route from Aurland to Aal, 30/ix–12/x, going on to Christiania.
1873. Present at the coronation of Oscar, King of Sweden and Norway, at Trondjhem; later had some reindeer shooting in the Hardanger district.
He described all this in 'The Pilgrim of Scandinavia' (1875), and wrote a short 'Plea for Norway', viii. 49–51, based on experience of these and two other seasons.
1874. *Finsteraarhorn* (Joh. Tannler).

Henry Brooks Gaskell

(Dec. 1864, resigned 1889)

Born 26 Aug. 1846. Son of Henry Lomax Gaskell, of Kiddington Hall, Woodstock, J.P., and Alice Cunliffe, d. of Samuel Cunliffe Brooks of Whalley Range, Withington, Lancs.
Married 1873 Helen Mary, d. of Rev. D. Melville, Canon of Worcester.
Educated Eton.
Entered the Army (9th Lancers), 1865; Lieutenant, 1867; Captain, 1870; retired, 1874.
Succeeded his father at Kiddington, 1889. J.P. for Oxfordshire.
Died 20 Dec. 1907.

Q. Alps (1864).
1864. *New Weissthor* with F. Morshead, *c.* 1/vii; 2nd passage of the *Biesjoch* with A. W. Moore and Morshead, 15/vii (i. 376; Moore, p. 231; see pp. 1, 194, 207, 219, 230); *Mont Blanc* with G. F. Browne (q.v.), 21/vii.

Roger Gaskell

(Feb. 1875, C. 1885–88, d.m. 1912)

Born 2 June 1846, Liverpool. Son of John Dakin Gaskell, barrister.

Married 1882 Edith, d. of Robert Milligan Shipman.

Educated the Cholmley School, Highgate, and Trinity College, Cambridge (Foundation Scholar, 1867); 19th Wrangler and 2nd Class in the Classical Tripos, 1868.

Barrister (Lincoln's Inn), 1870.

Was a member of the Hornsey School Board. On the Committee of the Charity Organization Society and Chairman of its St. Pancras Branch. On the Committee of the East End Emigration and the Children's Country Holiday Funds. Treasurer of the Ophthalmic Hospital and the People's Concert Society.

A Governor of the Cholmley School.

Was an ardent musician and an accomplished botanist.

Died 15 Sept. 1912. (In Memoriam, xxvii. 65, by Reginald Hughes.)

Q. Alps and Pyrenees.

1872. *Jungfrau* and *Finsteraarhorn* (Joh. Fischer).

1874. *Pic de Nethou* with W. H. Winterbotham, 28/viii (Bull. Soc. Ram., 1892, p. 203).

1877–81. See Sir M. Holzmann.

Frederick Waymouth Gibbs

(Feb. 1866, d.m. 1898)

Born 1821. Son of Samuel Newcomen Gibbs, bookseller, of Plymouth. In 1829 he became for three years an inmate of L. Stephen's family, and remained 'a kind of adopted brother' to them (see L. Stephen's 'Life', 173 note, and his 'Life of Sir J. F. Stephen', p. 42, &c).

Educated King's College, London, and Trinity College, Cambridge; B.A., 1843. Members' Prize, 1845. One of the Cambridge 'Apostles'; President of the Union, 1843.

Fellow of Trinity College, 1845–53. Examiner in the Law Tripos, 1863.

Barrister (Lincoln's Inn), 1848. Practised on the Northern Circuit.

Was Tutor to King Edward VII, then Prince of Wales, 1852–8. C.B., 1858; Q.C., 1880.

Liberal Candidate for Hertford, 1868; for Chichester, 1880; for the SW. division of Sussex, 1885.

On the Committee of the Palestine Exploration Fund.

Author of 'Recognition, from the History of the North American and South American States' (1863); 'Once a Clergyman always a Clergyman; a Letter to the Bishop of London' (1865; see L. Stephen's 'Life', p. 173 note); 'Extradition Treaties' (1869).

Died unmarried 18th Feb. 1898. (M.E.B.)

Q. Alpine.

1862. *Col du Géant*; *Alphubeljoch*; *Oberaarjoch* ('Alpina', 1915, p. 115).

1865. *Col d'Hérens*; *Monte Rosa*; *Weisstor*; *Finsteraarhorn*; *Galenstock*; *Gauli* pass ('Alpina', 1915, p. 116).

1871. *Mont Blanc*, 6/ix? Made the 1st recorded descent of the *Balmhorn* to the Fluh glacier, 14/ix (xxv. 554; Bernese C.G., i. 5).

1874. *Col du Géant* with G. Loppé and L. Stephen (Stephen, 'Life', p. 87).

Josiah Gilbert

(April 1864, d.m. 1892)

Born 7 Oct. 1814, Rotherham. Son of Rev. Joseph Gilbert and Anne, d. of Rev. Isaac Taylor of Ongar (see D.N.B. for both parents). First cousin of Isaac Taylor (see vol. i).

Married 1st, 1839, Susanna, d. of John Green (died 1871); 2nd, 1880, Mary, d. of Rev. George Steward and widow of W. H. Angus of South Australia.

Educated at home: then at Sass's Art School, and the Royal Academy Schools, where he was one of the Prize Students of his year.

Practised as a portrait painter in London, 1838–43: then settled at Ongar where he lived for 50 years, engaged in literary and artistic pursuits.

Author of 'Art, Its Scope and Purpose' (1858); 'Cadore or Titian's Country' (1869); 'Art and Religion' (1871); 'Landscape in Art before Claude and Salvator' (1885, reviewed xii. 343); 'Nature, the Supernatural and the Religion of Israel' (1893).

Editor of ' Autobiography and other Memorials of Mrs. Gilbert (formerly Ann Taylor) ' (1874, 5th edition, 1888).

Died 15 Aug. 1892. (In Memoriam, xvi. 251, by D. W. Freshfield ; M. and W.)

Q. ' Mountain excursions in the Venetian, Carnic, and Julian Alps. Author of work on the Dolomites '.

Made numerous tours in the Alps, the Pyrenees, and elsewhere with G. C. Churchill (q.v.) and their respective wives.

1856. See Churchill.

In 1858 Gilbert and his wife travelled from Innsbruck through Cortina and the Ampezzo valley on their way to Venice, but made no stay.

1861. See Churchill.

1862. Gilbert and his wife crossed the Radstadter Tauern, 2/viii, and joined the Churchills at Tarvis, 3/viii. For the rest of the tour see Churchill.

1863. Gilbert and his wife joined the Churchills at Friesach. For the rest of the tour see Churchill.

In 1864 they published ' The Dolomite Mountains, Excursions through Tyrol, Carinthia, Carniola, and Friuli in 1861, 1862, and 1863. With a Geological Chapter and Pictorial Illustrations from ' Original Drawings on the Spot ' (reviewed i. 370, by H. W. Cole (?) ; see E. iii. 400, where their tours are spoken of as ' eine Art Entdeckungsreise ', 443 and 547). The book at once took its place among the Alpine Classics. Gilbert contributed the illustrations and most of the narrative of travel, Churchill the scientific remarks, an account of his journey in 1860, and the concluding chapter on the physical geography of the region. They also published a ' Knapsack guide to Tyrol ' (1867).

Contributed a note on the word ' Canale ' vii. 45 and (probably) reviews of Guidebooks, viii. 469–70.

Rt. Hon. Sir Julian Goldsmid, Bart.

(Feb. 1866, d.m. 1896)

Born 8 Oct. 1838. Son of Frederick David Goldsmid, M.P., and Caroline, d. of Philip Samuel. Grandson of Sir Isaac Lyon Goldsmid, the 1st Jewish Baronet (see D.N.B.). Succeeded his uncle as 3rd Bart., and as a Peer of Portugal, 1878.

Married 1868 Virginia, d. of P. Philipson of Florence.

Educated University College, London; London University Matriculation (1st Class Honours), 1856; B.A. of London University (1st Class Honours in Classics and 2nd in Honours in Animal Physiology), 1859; M.A. (1st in the Classical Examination), 1861. Fellow (1864) and Treasurer (1880) of University College. Member of the Senate and Fellow of London University, 1875. Vice-Chancellor, 1895–6.

Barrister (Lincoln's Inn), 1864. Joined the Oxford Circuit, but on the death of his father, then M.P. for Honiton, in March 1866, he was elected in his place, and thenceforward devoted himself wholly to political life. Was Liberal Candidate for Mid-Surrey, 1868; M.P. for Rochester, 1878–80; defeated at Sandwich, 1880; returned for South St. Pancras as a Liberal, 1885; as a Liberal-Unionist, 1886; and continued to represent that constituency till his death. He frequently served as Chairman of the Committees on Private Bills, and was one of the Deputy Chairmen of the Committee of the House of Commons, 1894. P.C. 1895.

He inherited large holdings in the Imperial Continental Gas Association and the Continental Gas Union (of both of which he was Chairman), in the Brighton Railway (of which he was a Director, and at one time dreamed of becoming Chairman), and many other important commercial bodies.

Was J.P. for London, Kent, and Middlesex, D.L. for Berkshire and Sussex, and Colonel of the 1st Sussex Rifle Volunteers. A member of the Reformed Synagogue and occasionally occupied the pulpit as a lay-preacher. President of the Anglo-Jewish Association, 1885–95. Member of the Committees of the Brompton Hospital, the Jews' Free School and University College Hospital.

F.R.G.S., 1861.

Died 7 Jan. 1896. (M. and W.)

Q. Alpine.

1864. *Strahlhorn, Monte Rosa* (xxxi. 255).

1866. *Col d'Hérens*, 28/viii (O.V.B.).

Captain Oscar Goschen

(March 1869)

An officer in the Austrian army: of Castle Hollenburg, Klagenfurt, Carinthia. No information. Name remained in Club Lists till 1898.

Q. Alpine.

Henry Gale Gotch

(Feb. 1876)

Born 8 Oct. 1848. Son of Thomas Henry Gotch of Kettering and Mary Ann Gale.

Married 1889, Mary, d. of Frederic Hepburn, of Sutton, Surrey.

Educated Kettering Grammar School and privately.

Army boot manufacturer: then a partner in the London Educational Depot: later a Director of a limited company of shoe engineers.

J.P. and County Alderman for Northamptonshire: member of the County Educational Committee, and of the Kettering Urban District Educational Committee. Chairman of the Governors of the County Secondary School at Kettering. Has been engaged in educational work for more than 50 years. For over 20 years was Hon. Conductor of the Kettering Choral Society.

Q. Alpine.

One of the founders, and member of the 1st Committee, of the Climbers' Club, 1898–1902. Member of S.T.D. (1876).

1874. *Tschingel* pass; *Wetterhorn*; *Schreckhorn*.

1875. *Triftjoch*; *Rothhorn* traversed; *Adler* pass; *Matterhorn* 7/ix; *Monte Rosa*.

1876. *Col du Goléon*, 16/vi; *Peyrou d'Amont*, 17/vi; 6th ascent of the *Pic Central* of the *Meije* and 1st serious attempt to reach the summit by the E. arête, 19, 20/vi; attempt on N. face of the *Meije*, 22/vi. (He described these expeditions in a Paper 'The Meije', viii. 177). *Brèche de la Meije*, 9th passage (C. A. F. Ann, 1878, p. 29), 23/vi; ascended the *Col de la Casse Deserte* from La Berarde, 24/vi; *Col de la Temple*, 27/vi; attempt on *Barre des Ecrins*, *Col des Ecrins*, 29/vi (S. T. D. Ann., 1876, pp. 58–69, 78); *Cols de Miage*; and *du Géant*; *Mont Blanc*.

1877. *New Weisstor*; *Weisshorn*; *Breithorn* and 1st passage of the *Klein Matterhorn* pass with F. J. Church (E. Pennine C.G., p. 6). *Cols de Valpelline* and *du Géant*.

1879. With G. H. Savage, *Cols du Midi, du Mont Tondu* and *de Miage*; then in one week, *Jungfrau, Finsteraarhorn, Oberaarjoch, Strahlegg, Mönchjoch*, and *Mönch*.

1881. With F. Taylor, *Gämchilücke* and *Tschingel* pass; *Balmhorn*; 1st ascent (see Bernese C.G., iii. 121, S.A.C.J. xviii. 448) of *Tschingellochtighorn*; with Taylor and G. H. Savage, *Wildstrubel*; attempt on the *Blumlisalphorn* from the Tschingel glacier (an expedition of thirty-one hours), 21/viii (x. 360). All guideless.

1884. *Gisighorn* with Frederick Taylor, 13/viii (Note on Circular Rainbows by Taylor, xii. 271). With Taylor and Savage, *Unterbachhorn*; *Gross Nesthorn*; with Savage and G. H. Makins, *Piz Bernina*. All guideless.

1887. Leader in guideless ascents of the *Nadelhorn* and the *Alphubel* with W. Larden and W. H. Heaton. (Larden, p. 77.) *Windjoch* and *Hohberg* pass; *Dom*; *Trifthorn*.

1888. *Felikjoch*; *Gabelhorn*.

A few minor expeditions, some belonging to 1878 and 86 have been omitted. Though he returned to the Alps many times, he gave up serious climbing there after his marriage.

1890. N. Wales: made what was probably the 1st descent of the N. Gully of *Tryfaen* (see C.C.J., i. 73).

1891. Made the 2nd recorded ascent of the same gully, 30/viii (Haskett Smith, 47–8); and the 2nd recorded ascent of the S. Gully (Haskett Smith, 46–7); again ascended the S. Gully, 5/ix (ibid.).

1893. Climbed two or three gullies on Crib Goch (possibly new; see Haskett Smith, 66), 31/iii; again ascended *Tryfaen*, N. Gully, joining R. Williams, G. L. Collins, and others, 1/iv; climbed the great gully of *Clogwyn y Garnedd* with R. Williams's party, returning by Crib y Dydsgyl and the Parson's Nose, 2/iv; and made the 8th recorded ascent (Haskett Smith, 83–4), of *Lliwedd* (on which he had done some exploratory climbing in 1873), 3/iv. He wrote a paper on these expeditions, 'Some Snowdonian Climbs', C.C.J., i. 69.

Wrote a paper on 'The Love of Natural Scenery', C.C.J., 1915 (N.S. vol. ii, No. 1), p. 32.

William Henry Grenfell, 1st Baron Desborough

(Dec. 1876)

Born 30 Oct. 1855. Son of Charles William Grenfell, M.P., and Georgina Caroline, d. of Rt. Hon. William Sebright Lascelles. Uncle of C. F. Meade.

Married 1887 Ethel Anne Priscilla, d. of Hon. Julian Henry Charles Fane, g. d. of 11th Earl of Westmorland.

Educated Harrow (Cricket XI, 1873, 74) and Balliol College, Oxford; 2nd Class in Classical Moderations, 1876; B.A., 1879.

Represented Oxford in the Three-Mile Race in the Inter-University Sports, 1876. Rowed in the University VIII, 1877 and 78. President of the University Athletic Club and Boat Club.

Rowed for Leander R.C. for the Grand Challenge Cup at Henley, 1881. Has swum Niagara; stroked an eight-oared racing boat across the English Channel; was three years Amateur Punting Champion of the Thames. President of the Thames Punting Club, 1911. President of the M.C.C., 1911. Won the Epée Prize at the Military Tournament, 1904–6.

Succeeded his grandfather at Taplow Court, Maidenhead, 1867.

Was a special correspondent in the second Suakim Campaign, J.P. for Bucks (High Sheriff, 1899) and Berkshire. M.P. (Liberal) for Salisbury, 1880–2. Appointed Parliamentary Groom in Waiting to Queen Victoria, 1882; was defeated on seeking re-election after this appointment, but again sat for Salisbury, 1885–6. Private Secretary to Sir William Harcourt (then Chancellor of the Exchequer), 1885. M.P. (Gladstonian Liberal) for Hereford, 1892; resigned 1893. Mayor of Maidenhead, 1895–7. M.P. (Conservative) for Bucks (Wycombe Division), 1900–5.

Created Baron Desborough, 1905. K.C.V.O., 1908.

Member of the Tariff Reform Commission, 1904; of the Royal Commission on International Exhibitions, 1909; formerly Chancellor of the Primrose League, Chairman of the Thames Conservancy Board, and President of the London Chamber of Commerce.

Knight of Grace of St. John of Jerusalem. Knight of the Redeemer (Greece).

F.R.G.S.

Was Major in the 3rd (Volunteer) Battalion of the Oxfordshire Light Infantry.

Q. Alpine.

1877. *Triftjoch*; *Aiguille de la Za*; *Matterhorn* from Breil with J. H. A. Peebles-Chaplin, 19/viii (cf. xxx. 182–3); *Schreckhorn* (K. Maurer).

1879. *Matterhorn* from Zermatt, 3/ix.

John Panton Gubbins

(June 1872, d.m. 1879)

Born 14 Sept. 1806. Son of General Joseph Gubbins and Charlotte, d. of John Bathoe, of Bath.

Married 1st, 1831, Emma Rhoda, d. of Sir Robert Cunliffe, Bart.; 2nd, 1839, Mary Eyles, d. of William Egerton of Gresford Lodge, Co. Denbigh.

In the H.E.I.C.S. (Bengal), 1826–52; was a judge at Delhi.

Lived for many years at 'The Oaks', Leamington. J.P. for Anglesea and Warwickshire; D.L. for Co. Flint.

Died 5 April 1879.

Q. 'High passes in the Himalayas.'

Robert Guest

(Dec. 1869, res. or d.m. 1878)

Merchant and calico printer, Pendleton near Manchester.

Q. Alpine.

1868. (*Schwarzberg*) *Weissthor*, 22 or 23/viii, *Monte Rosa*, 24/viii (O.V.B.).

1868 or 69. *Mont Blanc* from Col du Géant, 27/vii (C.A.I. Boll. iii. 406 says 1868; Stephen d'Arve, 2nd ed., p. 397, says 1869).

1869. *Piz Bernina*, 27/viii; *Wetterhorn*, 8/ix (Almer, 152, 154).

Edmund Gurney

(Dec. 1873, resigned 1874)

Born 23 March 1847, Mersham, Surrey. Son of John H. Gurney (D.N.B.) and Mary, d. of Rev. Henry Grey, of Edinburgh.

Married 1877 Kate, d. of Henry James Sibley.

Educated at Harfield Broadoak and Trinity College, Cambridge (Foundation Scholar, 1868). Porson Prize for Greek Verse, 1870; 4th Classic, 1871. Fellow of Trinity College, 1872.

Travelled in Italy, 1871–2, and then devoted himself for some years to music; his first published article, 'On some disputed points in Music', appeared in the *Fortnightly Review*, 1876. In 1880 he published 'The Power of Sound'. Studied Medicine—with no intention of practising, devoting himself to physics, chemistry, and physiology—from 1877 at University College, London, and 1880–1 at Guy's Hospital; passed the 2nd M.B. Cambridge examination, but did not complete his course. Wrote articles, 'A Chapter on the Ethics of Pain', and 'An Epilogue on Vivisection', 1881–2, which were afterwards republished in 'Tertium Quid' (see below).

Studied Law at Lincoln's Inn, 1881–3, but was never called to the Bar.

In the meantime he was writing—chiefly in 'Mind'—on metaphysical and psychological subjects, and had for some years been conducting, privately, with a few friends, inquiries into the pretensions of Modern Spiritualism, and in 1882 was one of the founders of the Society for Psychical Research. He became its Secretary and one of its most active members. Wrote largely in the Proceedings and Journal of the Society, and in 1886 published jointly with Frederic William Henry Myers and Frank Podmore 'Phantasms of the Living'. Also collected and published various essays and articles in two volumes under the title of 'Tertium Quid' (1887).

Died at Brighton, from the effects of an overdose of narcotic medicine, 23 June 1888. (D.N.B.; Encycl. Brit., 10th ed., by Andrew Lang.)

Q. Alpine.

Marshall Hall

(May 1869, d.m. 1896)

Born 6 February 1831. Son of Marshall Hall, M.D., F.R.S. (D.N.B.).

Married 1854, Mary Eliza, d. of John Simmonds Mammatt.

Was at Eton for two terms in 1844, then left for reasons of health, and after wintering on the Mediterranean, 1844–5,

continued his education at Ventnor, Isle of Wight ; under Mr. R. Potts at Cambridge ; and at Magdalene College, Cambridge.

Visited Italy with his wife and parents in the spring of 1855, and ascended *Vesuvius*, 5/v.

Barrister (Lincoln's Inn), 1862, but never practised, owing to a discouraging deafness. Served in the Royal East Middlesex Militia, but deafness was again an obstacle, and he retired with the rank of Captain in 1872. But his energies found ample scope in the three pursuits to which he was devoted, Science, Mountaineering, and Yachting, either singly or in combination. He was a serious student of many branches of Science, was a Fellow of the Chemical Society, and the Geological Society (1866), a member of the Geologists' Association, the Royal Microscopical Society, the Agricultural Society, the British Association, the United Service Institution, and the Dorset Natural History and Field Club, and maintained a lifelong interest in the aims and work of all.

In 1869 he made a trip in his yacht *Norna* to Norway, and claimed to have penetrated to the farthest extremity of several fjords where never yacht had been before and to have partially explored, and even laid the foundations of a rough survey of, large tracts of ice of which very little was known ('Geolog. Mag.', 1869, p. 528. See also the Preface to his Translation of 'The Terraces of Norway' by Prof. Kjerulf, in 'Scientific Opinion', Feb., March 1870).

In 1870 he made a cruise to the coasts of Spain and Portugal in the *Norna*—which he had equipped for deep-sea dredging, then a scientific novelty—with Mr. Edward Fielding and Mr. Savile Kent of the British Museum. The Royal Society contributed £50 to the expedition, and its results, which were important, were published in 'Nature' by Mr. Kent, but it was made on Hall's initiative and mainly at his expense. He read a paper before the British Association in 1872, 'On the Employment of Yachts in Deep Sea Researches.'

His contributions to the 'Geological Magazine' included a proposal for a Swiss Geological Ramble (1874) and a paper on 'Glacier Observations : more especially Colonial' (1893), containing the substance of his letter and article in A.J. (see below).

In 1876 he took part in the foundation of the Mineralogical Society, served 1876–8 on its Council, and contributed a paper

on 'The Val d'Anniviers' (1877) with 'Supplementary Notes' (1879), and two other short notes, to the Society's Magazine.

Died 14 April 1896. 'In Memoriam', xviii. 176, by F. A. Forel (and see p. 205), and 'Geolog. Mag.', 1896, pp. 573–5.

Q. Weisstor, Strahlegg; travels and chamois hunting expeditions during nine seasons in Switzerland and one in Tyrol.

Member of C.A.F., section Mont Blanc (1887); S.A.C., Geneva and Diablerets sections; subscriber to New Zealand A.C. (1893).

Made annual visits to Switzerland with his parents from a very early age, and in 1849 or 48 was at Chamonix: visited the Mer de Glace and crossed the Glacier des Bossons.

1849. *Strahlegg*; 1st travellers' passage of the *New Weisstor* (Zermatt to Macugnaga), 1/ix; *Monte Moro* pass (ix. 173, xxxii. 53; 'Central Alps', p. 337; Longman, p. 28).

1865. Letter on Alpine Ropes, ii. 224.

1866. Attempt to cross the *Petites Jorasses* from Courmayeur to Chamonix, –/viii ('Pioneers', p. 230).

1867. *Aiguille de l'Éboulement* traversed, 3rd ascent with a variation, with W. L. Jordan, 12/viii (xvii. 65; Kurz, p. 60).

1871. Discovered and ascended the *Rothornjoch* and made the 1st ascent of the *Pointe de Mountet*, 22/viii (v. 274, vi. 436).

1875. *Bruneggjoch* with W. E. Davidson, J. Brebner, and M. Cannon, 11/vii.

1879. Wrote a letter to the International Alpine Congress at Geneva inviting it to pass a resolution in favour of a new edition of H. B. de Saussure's 'Voyages dans les Alpes' with Notes bringing it up to the level of modern science, and offering to make an English translation (S.A.C. Festschrift, p. 39).

1880. Made a geological trip to the Saas valley, in order to trace to their home certain erratics on the Lake of Geneva. Made an ascent of point 3,150 m. on the E. Spur of the Allalinhorn, in search of specimens of euphitite gabbro. Read a paper on the subject to Soc. Vaudoise des Sci. Nat., at Lausanne, 1881, and wrote a short account of his visit (containing the earliest English description of this gabbro) in the 'Mineralogical Mag.', 1883. He again described it more fully in 'Proc. Geologists' Assoc.', 1889, and wrote notes of 'A week's Geological Excursion to the Swiss Alps' in 'Geol. Mag.', 1889, which were practically a description of the 1880 tour.

Lists of expeditions for 1880–2 in 'Echo', 1881, p. 132, 1882, p. 106, 1883, p. 77, and he wrote a note of a little Alpine Byway from Valorcine to the Flegère, 'Echo', 1888, p. 89.

From 1878 to 1884 he lived in Switzerland, spending his winters in Montreux and later at Veytaux, and his summers in the Alps of the Valais, and joined the S.A.C. It was during this period that he developed his interest in the variations of glaciers; frequently assisted M. Venance Payot in his measurements of the glaciers of Mont Blanc, contributed numerous original notes to the Reports issued by F. A. Forel on the subject, and collected information on it from all parts of the world. In 1890 an attempt was made, most probably by him, to induce the British Association to create a Committee for the study of Glaciers throughout the British Empire. In 1891 he wrote an article on 'Glacier Observations' (xv. 348–61), and followed this up with a letter to the Committee of the Club in Dec. 1892 (xvi. 321), which resulted in the appointment of a Sub-committee on Glacier Observations, consisting of T. G. Bonney, W. M. Conway, and himself, and in a Memorandum on the subject being addressed to the Governments of India and the Colonies possessing glaciated ranges (xvi. 456, 459, xvii. 379). In 1894 on his suggestion the 6th International Congress of Geologists, held at Zurich, formed a 'Commission Internationale des Glaciers' for the study of the variations of glaciers in all parts of the world; he was elected to it as representative of Great Britain and the Colonies (see his letter to C.A.F. in C.A.F. Bull., 1894, p. 208). He wrote again on 'Glacial Progress', xvii. 438 (1895), on 'The Study of Existing Glaciers' in *Natural Science*, vi (1895), pp. 17–22, and was engaged a few days before his death on another article for the A.J., which was left unfinished (xviii. 205).

Arthur Bold Hamilton

(30 Jan. 1872, resigned 1891)

Born 18 March 1848, Sheepshed, Leicestershire. Son of Rev. Joseph H. Hamilton, Canon of Rochester.

Married 1881 Georgina Elizabeth, d. of Lieut.-General Sir John Stokes, R.E., K.C.B., Commandant of the School of Military Engineering at Chatham.

Educated Marlborough (Football XX, 1884) and Trinity College, Cambridge; LL.B., 1870.

Barrister (Inner Temple), 1872 : S. Eastern Circuit.

Entered Messrs. Samuel Smith & Co.'s Bank at Derby, 1878 or 79, and was managing partner, 1881–1901.

J.P. for Derbyshire, 1898.

Died 24 Feb. 1902. (*The Times.*)

Q. Alpine.

Member of C.A.F., section Paris, 1877 ; S.A.C., section Geneva, 1879 or 80.

1870. Spent seven weeks (1/viii–17/ix) at Arolla, mostly chamois hunting : *Pigne d'Arolla* twice ; *Cols du Mont Brulé* and *de Valpelline* ; returned, owing to bad weather, by same route ; *Casiorte* ; *Vuibez* rocks ; 2nd and 1st travellers' ascent of the *Aiguille de la Za*, 16/ix.

1871. At Arolla, 5/viii–15/ix : Tour of Mt. Collon by *Cols de Chermontane, de l'Eveque* and *de Collon* (O.V.B.) ; *Pointe de Vouasson* ; *Mont Blanc de Seilon* and *Col de Seilon*, 22/viii (Arolla C.G., p. 58) ; returned by *Col de Mont Rouge*, 23/viii ; 1st ascent of the *Dent Perroc* with W. B. Rickman, 31/viii ; 1st ascent of the highest peak of the *Dents des Bouquetins*, 6/ix (see viii. 140, 224, xiii. 530, xx. 110). He wrote a paper on some of the expeditions of 1870 and 71, 'The District of Arolla', vi. 20.

1872. *Col du Mont Brulé*, returning to Arolla by *Col des Bouquetins*, and 1st passage of the *S. Col des Dents de Bertol* 2/vii (vi. 145, Pennine C.G., p. 66) ; *Ruinette* traversed (Arolla C.G. 62, 66), both with W. B. Rickman.

1877. Represented the A.C. at the Fête of the C.A.F. at Grenoble (C.A.F. Bull., 1877, pp. 231, 272), and joined in an ascent of the *Croix de Chanrousse*, 12, 13/viii. He described the fête, viii. 445–7 ; cf. S.T.D. Ann., 1877, pp. 1 and 53).

1878. Present at International Alpine Congress at Paris (C.A.I. Boll. xiii. 261).

Hamilton Noel Hamilton-Hoare

(Dec. 1872, d.m. 1908)

Born 20 Feb. 1837. Son of Rev. William Henry Hoare (D.N.B.) and Araminta Anne, d. of General Sir John Hamilton, Bart. (D.N.B.). Brother of H. W. Hoare (q.v.).

Educated Eton (Cricket XI, 1851–3 ; Captain, 1853).

For many years a partner in Hoare's Bank, 37 Fleet Street.

Was well known for the assiduous and efficient interest which he displayed throughout his adult life in numerous charitable institutions. He was a member from the outset of the following: (1) the Belgrave Hospital for Children (founded 1866); (2) the Hospital Saturday Fund; Honorary Treasurer from its foundation in 1873 till March 1908; (3) the National Penny Bank; a Director from its commencement in 1875; (4) the Metropolitan Provident Medical Association; one of the founders, and Honorary Treasurer from its commencement in 1880 to 1904; on the Council till his death; the Scheme of co-operation between this Association and the Hospital Saturday Fund, carried out in 1896, was initiated by him; (5) the National Society for Epileptics; one of the founders 1892, Honorary Treasurer till 1908; (6) the Charity Organization Society; he was Chairman of the City Committee of the Society for nearly twenty years; one of the founders of the City Council for the Organization of Charity in 1902, and later one of the most active members of its executive committee.

He was also for twelve years an Almoner for the Relief of Distress in St. Giles's Parish; for many years a Governor of the General Lying-in Hospital; and served on the Council of the Charing Cross Hospital.

He was the first to suggest, in 'The Economist', the withdrawal of French bronze coins from English circulation, an irregularity which had caused serious loss to the Hospital Saturday Fund. His proposal was adopted by the Rt. Hon. G. J. Goschen about 1893.

Died unmarried 1 July 1908. (*The Times*; *Hospital Saturday Fund Journal* for 31 March 1908, with Portrait.)

Q. Alpine.

1869. 2nd ascent, by a new route, of *Mont Collon* with T. A. H. Hamond (Arolla C.G. 80, 84).

Thomas Astley Horatio Hamond

(May 1875, resigned 1899)

Born 1845. Son of Anthony Hamond, J.P., of Westacre and Mary Anne, d. of John Chaworth Musters of Colwick, Notts.

Educated Eton (Football XI, 1863) and Magdalene College, Cambridge. B.A., 1868.

Solicitor (1871). Succeeded his brother at Westacre and Swaffham, Norfolk, 1906.

Deputy Chairman of the Norfolk Estuary Co., Ltd. On the Norwich Board of the Royal Insurance Co., Ltd.

Died unmarried 5 Feb. 1917.

Q. Alpine.

1869. See H. N. Hamilton-Hoare.

1875. See R. Durnford.

Walter Stanley Harris

(Feb. 1875, d.m. 1917)

Born 10 June 1849. Son of William Stanley Harris of Highfield, Rockferry, Cheshire.

Married 1880 Dorette Maud, d. of John Brancker of Wavertree, Liverpool.

Educated Cheltenham.

Merchant, Liverpool, till *c.* 1912; later resided at Sevenoaks.

Died 9 Aug. 1917 (xxxii. 282).

Q. Alpine.

1884. Made the 3rd or 4th travellers' ascent of the *Feuerstein* (Stubai group), 5/viii (xii. 124; M.A.V., 1885, p. 75; see E. ii. 403).

Francis Chisholm Hartley

(March 1876, d.m. 1898)

Born 1854. Son of John Bernard Hartley of Letrault, Shandon, Dumbartonshire, civil engineer. Brother of J. W. Hartley.

Married 1884 Harriet Kate, d. of Arthur Hill of Elm Lodge, Reading.

Educated Harrow and Bonn.

In business in Liverpool: later, temporary Inspector under the Scottish Education Department till his death.

Died 8 Feb. 1898.

Q. Alpine.

Original Member of the S.M.C. and present at the meetings of 11/ii and 11/iii 1889 when it was founded (S.M.C.J. iv. 87).

1873. With J. W. Hartley, *Wetterhorn*; *Eiger*; *Mönch* and *Mönchjoch* (Joh. Fischer).

1874. With J. W. Hartley, 1st recorded attempt on the *Eiger* by the NE. arête, which resulted in the 1st passage of the *Mittellegi* pass, 6/vii (vii. 325, xi. 28; 'Pioneers', 259; Studer, i. 307; Bernese C.G. i. 157); *Blumlis alphorn* by a new route from the S., 20/vii (vii. 325; 'Pioneers', 259; Bernese C.G. I. ii (ed. 1910), pp. 19–20); *Jungfrau* traversed from the Wengern Alp, in the course of which expedition they made the 1st ascent of the *Klein Silberhorn* ('Pioneers', 260; Studer, iii. 430).

1875. With J. W. Hartley and L. Stephen made the 1st passage of the *Nassijoch* and an ascent of the *Klein Schreckhorn* ('Pioneers', 259; Bernese C.G. ii. 80; Studer, iii. 431).

1877. See J. W. Hartley.

1880. *Mont Blanc*, 13/viii; *Col de Talèfre* to Courmayeur, 21/viii. For other expeditions see W. E. Davidson.

James Walker Hartley

(Feb. 1875, C. 1883–6)

Born 16 Nov. 1852, Liverpool. Brother of F. C. Hartley (q.v.).

Married 1880 Laura Blanche, d. of William Currey of Weybridge.

Educated Harrow and Trinity College, Cambridge; B.A., 1875.

Barrister (Inner Temple), 1879; Northern Circuit.

Inspector of Technical Institutes and Evening Schools under the Board of Education.

Q. Alpine.

Member of C.A.F., section Paris, 1878; section Mont Blanc, 1883.

1873 and 1874. See F. C. Hartley.

1875. Made a nearly successful attempt on the *Wetterhorn* by way of the Hühnergutz glacier, a route first achieved in 1878 (ix. 112; 'Pioneers', 259; Studer, iii. 461; Bernese C.G. ii. 116); and with F. C. Hartley and L. Stephen, the 1st passage of the *Nassijoch*, ascending the *Klein Schreckhorn* ('Pioneers', 259; Studer, iii. 431; Bernese C.G. ii. 80); *Matterhorn*, 10/viii.

1877. With F. C. Hartley almost succeeded in anticipating E. R. Whitwell's ascent (1878) of the *Klein Viescherhorn* or

Ochsenhorn (' Pioneers ', 259 ; Bernese C.G. ii. 8). Also one or both of them accomplished the following expeditions : *Rosenhorn* and *Mittelhorn* ; *Klein Schreckhorn* traversed ; *Galenstock* and *Triftlimmi* ; *Gauli* pass and *Ewig Schneehorn* ; *Wetterlücke* ; *Bietschhorn* and *Bietschjoch* (Joh. Jaun). Through the Gorner glacier icefall without guides with W. E. Davidson and J. A. Peebles Chaplin, 24/viii ; *Lyskamm* traversed, 25/viii ; *Gabelhorn*, new route by the SE. arête, 3/ix (viii. 99), both with Davidson ; 1st ascent of the *Weisshorn* from the Schallenberg glacier with Davidson and H. S. Hoare, 6/ix (viii. 340 ; he read a paper before the Club on this expedition, viii. 419 ; see xvii. 581, xviii. 289). Also during intervals between the latter expeditions, *Zwillingsjoch* and *Schwarztor* ; *Dent Blanche* (Joh. Jaun). His mountaineering was put an end to for the season by the accident on the Lyskamm of 6/ix. See Davidson. Hartley played a similar part and signed the letter printed, viii. 346–7.

1878. With Davidson, attempt on the *Aiguilles des Charmoz* (x. 399, note) ; 2nd passage of the *Col du Mont Dolent*, 2/ix ; 1st passage from the Triolet glacier of the *Col de Talèfre*, 3/ix (ix. 236–7) ; with C. T. Dent, 1st ascent of the *Aiguille du Dru*, 11/ix (ix. 104, 192 ; he wrote a paper on this expedition, C.A.F. Ann. v. 260).

1881, 2. See W. E. Davidson.

1883. 5th ascent of the *Aiguille du Géant*, 4/vii (xi. 302, xvi. 294 ; C.A.F. Bull., 1883, p. 240) ; 2nd ascent of the *Petit Aiguille du Dru*, 6/viii (xi. 368 ; he read a paper before the Club on this expedition, xvi. 293).

Wrote the Biographical Sketches of Laurent Lanier and Peter Rubi in ' Pioneers of the Alps ', and an ' In Memoriam ' notice of Lanier, xii. 63.

Rev. Charles Halford Hawkins

(Dec. 1872, d.m. 1900)

Born 1838. Son of Francis Hawkins, M.D. (D.N.B.), and Hester, d. of Right Hon. Sir John Vaughan (D.N.B.). Brother of F. V. Hawkins (vol. i).

Married 1878 Susan, d. of General John Colpoys Haughton, C.S.I. (D.N.B.).

Educated Harrow (1850–5), Marlborough (1855–6), and St. John's College, Cambridge ; Senior Optime, 1861.

H.O., 1862. Assistant Master at Winchester from 1861, and Chaplain from 1863 till Aug. 1900.

Founded the Annual English Literature Prize; was the first President of the School Debating Society; and one of the promoters of the Glee Club. One of the two founders, 1862, of the Shakespeare Reading and Orpheus Glee Society, and President 1873–1900: the Reading Society developed for a few years into the 'Winchester Play', and A. F. Leach (q.v.), in his 'History of Winchester College', speaks as an eye-witness with enthusiasm of H.'s acting as Shylock and Lear.

Wrote an article, 'Dramatic Art: the Meiningen Theatre', in *Macmillan's Mag.*, 1876–7.

In 1887 he edited a collection of Essays by past and present members of the Society, called 'Noctes Shakesperianæ', to which he contributed an elaborate study of Shakespeare's Stage-craft.

Died 28 Dec. 1900. (*The Times*, 31 Dec. 1900 and 4 Jan. 1901; In Memoriam, by F. Morshead, xx. 526.)

Q. Alpine.

1869. *New Weissthor*, 14/viii (A. Pollinger).

1871 and 1873. See J. T. Bramston.

1884. *Monte Leone* with H. Martin.

Appears frequently in H. Schutz Wilson's (q.v.) 'Alpine Ascents and Adventures'. See Bramston.

Robert Newton Hayward

(March 1866, resigned 1888)

Born 1815 or 16. Son of Robert Hayward and Ann Kincaid.

Studied for the Medical Profession but did not complete his course.

Lived in Edinburgh.

Died unmarried 10 April 1894, aged 78.

Q. Alpine.

1864. *Sefinenfurgge* with T. Brooksbank (vol. i); proceeded alone by the *Gämchilücke* to Kandersteg, 29/viii (ii. 156–7); with Brooksbank, *Wildstrubel* traversed, 31/viii; *Beichgrat* (i. 434); and 1st passage of the *Faldum* pass and 1st ascent from the SE. of the *Torrenthorn*, 8/ix (i. 434, ii. 91).

1865. *Bistenen* pass with Brooksbank, 17/viii (ii. 317).

1866. With Brooksbank, *Grassen* pass or *Bärengrube*, 19/viii (vi. 77); 3rd travellers' passage of the *Thierberglimmi* (*Kehlenjoch*); and 1st ascent of the *Mittel-Thierberg*, 24/viii (ii. 411; Bernese C.G. I. i. 99–100, 104).

1867. With Brooksbank, *Piz Kesch*; *Sella* pass; *Passo della Vedretta Rossa*, 7/ix (P. M. Ergänzungsheft xxvii. 17); 'long glacier pass into Martellthal, by E. side of Piz Venezia' (*Sallentjoch* ?); also *Königsspitze*; *Ortlerspitze*, 11/ix; and *Monte Cevedale* ('Tourist', 1871, p. 688); and, apparently on the return journey, the *Rheinwaldhorn*.

1868. Made the 2nd passage of the *E. Wetterlimmi* with A. Johnson, 8/viii. His letter on the expedition (iv. 336) was written under the very natural misapprehension that R. Noel's expedition was made in 1868.

1870. *Cols de Chermontane, de Valpelline*, and *du Mont Brulé*, *Weisstor* (K. Blatter).

1871. With Brooksbank, *Wendenjoch*, 11/ix (vi. 79); 2nd recorded travellers' passage of the *Schlossberglücke* (*Erstfelderjoch*), 14/ix (vi. 81–2).

1873. *Oldenhorn, c.* 18/vii; 1st passage of *Col de Breney*, *Pigne d'Arolla*, and *Pas de Chevres*, 22/viii (vi. 366); *Col de Bertol*; *Schwarzberg Weissthor*, 31/viii, all with Brooksbank; *Gamserjoch*, 4/ix (vii. 126, 131, 216).

Perhaps referred to by G. G. Ramsay, S.M.C.J. iv. 85.

Robert Boothby Heathcote

(Feb. 1868, d.m. 1893)

Born 10 Jan. 1844, Chingford, Essex. Son of Rev. Robert Boothby Heathcote, Rector of Chingford, and Charlotte, d. of Admiral Thomas Sotheby. Cousin of C. G. Heathcote.

Married 1872 Jane Vere, d. of Sir Cavendish Foster, Bart.

Educated Eton and Trinity College, Cambridge.

Of Friday Hall, Chingford, Essex. J.P. for Essex.

Died Jan. 1893.

Q. Alpine.

1867. *Breithorn* (xxxi. 228); *Mont Blanc*, 5/vii (C.A.I. Boll. xiii. 583); *Monte Rosa, c.* 22/vii (O.V.B.).

1868. *Lysjoch* with J. Bryce, C. P. Ilbert, and K. E. Digby,

and *Lyskamm* with Digby, 26/viii (O.V.B.); with Digby, 1st ascent of *Monte Rosa* from the Grenz Glacier, 31/viii (iv. 157, vii. 154, xiii. 203, 263, xv. 454); *Dom* with J. M. Elliott (xxxi. 259). Other expeditions during this year were *Mont Blanc* by Aiguille du Goûter; *Castor* and *Pollux* traversed from Italy to *Zermatt*; *Strahlhorn*; *Piz Bernina*; *Galenstock*; *Wildstrubel* traversed; *Adler* and *Alphubel* passes, *Cols d'Argentière* and *du Géant*, *Strahlegg* and *Tschingel* passes, *Schwarztor* (F. Biener).

1869. *Mont Blanc du Tacul*; *Rimpfischhorn*; *Allalinhorn*; *Alphubel*; *Klein Matterhorn*; *Cima di Jazzi*, *Col du Géant*, and 'a new pass from Val d'Ayas' (F. Biener); *Täschhorn*, 20/vii (iv. 371, 372); struck by lightning during an attempt to ascend the *Matterhorn* from Breuil, 30/vii (Whymper, p. 414; Javelle, p. 173, note); 1st ascent of the *Hohberghorn* (x. 339); *Matterhorn*, 27/viii (R.M. i. 47; C.A.I. Boll., 1890, pp. 31–2).

Rev. Charles Abel Heurtley

(Dec. 1868)

Born 1838. Son of Rev. Charles Heurtley, Professor of Divinity at Oxford (D.N.B.), and Jane, d. of Rev. W. B. Harrison, Vicar of Goudhurst, Kent.

Married 1st, 1870, Mary Elizabeth, d. of William Brown of Clapham Park; 2nd, 1919, Mary Frances, widow of Frederick W. Groves of Hampstead.

Educated Harrow and Oriel College, Oxford; 3rd Class in Law and History, 1869.

H.O., 1869. Curate of Ickleham, Surrey, 1869–71; of Frant, Sussex, 1871–4; Vicar of Shirburn, Oxfordshire, 1874–8; Rector of Ashington, Sussex, 1878–1909; Commissioner to Bishop of Athabasca, 1889–1905; Chaplain of Thakeham Union, 1884–1909; Rural Dean of Storrington, 1905–9; Licensed Preacher in the Diocese of Oxford, 1909–11; Vicar of Binsey, Oxfordshire, 1911–19.

Q. Alpine.

1868. *Mont Blanc*, 8/vii.

Henry Seymour Hoare

(Dec. 1873)

Born 19 July 1848. Son of Henry James Hoare of Morden, Surrey, and Jane Seymour Traherne, d. of Henry John Hyde Seymour of Wells, and aunt of H. S. Seymour.

Married 1st, 1885, Eleanor Mary, d. of Hon. and Rev. William Byron; 2nd, 1915, Eva Mary, d. of Rev. Arthur Blenkinsop Coulson, Vicar of Cornhill on Tweed.

Educated Harrow (Cricket XI, 1868) and New College, Oxford (Exhibitioner); 2nd Class in Classical Moderations, 1870; B.A., 1874.

Q. Alpine.

1873. *Matterhorn* (in one day from Zermatt), 16/viii.

1874. *Wetterhorn*, *Finsteraarhorn* (Joh. Tannler), *Gabelhorn*, 1st ascent by the W. arête, with G. E. Hulton, 23/viii (vii. 153); *Dent Blanche*, 1st ascent by the S. arête, with F. Morshead, 24/viii (?) (xv. 67–8); *Col du Géant*; *Aiguille Verte* (Joh. Jaun).

1875. *Mont Blanc* from Italian side, 8/ix (Stephen d'Arve, 2nd ed., p. 426; C.A.I. Boll. xiii. 581); *Aiguille du Midi* (C.A.I. Boll. xiii. 581); 4th ascent of the *Aiguille de Blaitière* and 1st passage of the *Col des Nantillons* or *de Blaitière*, 13/ix (viii. 56; 'Pioneers', p. 195. The passage of this pass was not repeated till 1904, when the descent was made by an entirely different route; xxii. 353; xxv. 180).

1876. 1st ascent of the *Gross Engelhorn*, 21/ix ('Pioneers', 96; Bernese C.G. ii. 180; O.A.Z., 1902, p. 221).

1877. *Finsteraarhorn*, 2nd ascent by H. Cordier's route ('Pioneers', 96; Bernese C.G. ii. 37; Deutsche Alpenzeitung, ii. 117–22). *Matterhorn* traversed, 29/viii (Hut Book). *Weisshorn*, 1st ascent from the Schallenberg glacier, with W. E. Davidson and J. W. Hartley, 6/ix (viii. 105, 419; xvii. 581; xviii. 289). Took an active part in the recovery of the bodies of the victims of the accident on the Lyskamm: see the joint letter by him, Davidson (q.v.), and others, viii. 346–7.

1878. 1st ascent of *Mont Maudit*, also ascending *Mont Blanc*, with W. E. Davidson, 12/ix (ix. 105, 170; he read a paper before the Club on this expedition, ix. 313).

1879. *Gabelhorn*, 1st ascent from the Arbenjoch, with G. E. Hulton ('Pioneers', p. 96; Pennine C.G. 93); attempt on

NE. arête of the *Eiger* with J. O. Maund (xi. 28); 1st passage from the *Blumlisalphorn* to the *Weisse Frau* ('Pioneers', p. 96; Bernese C.G. I. ii (ed. 1910), p. 19).

1880. 2nd ascent of the *Aiguille du Plan* with J. Baumann, W. E. Davidson, and F. C. Hartley, 4/ix (x. 452).

1882. Letter on Mr. W. E. Gabbett's accident, xi. 98.

1883. *Gspaltenhorn*, 19/viii.

1884. *Tschingelhorn* (apparently from the Wetterlücke; see as to this route, Bernese C.G. i, p. x), 31/viii; *Unter Gabelhorn* in deep snow, 15/ix.

1887. Spent a very hard day in an attempt on the *Petit Dru* with Davidson, 31/viii; *Eiger*, 13/ix; *Jungfraujoch* with Davidson (Schw. Alp. Zeitung, v. 211).

Author of the Biographical Sketch in 'Pioneers of the Alps' of Johann von Bergen, with whom he climbed every year from 1871 to 1883.

Henry William Hoare

(Mar. 1867, resigned 1869)

Born 1 April 1843. Brother of H. N. Hamilton-Hoare (q. v.). Assumed the name of Hamilton-Hoare, 1908.

Married 1877 Mary, d. of William Owen of Withybush, Pembrokeshire.

Educated Eton (Cricket XI, 1860, 61) and Balliol College, Oxford; 1st Class in Classical Moderations, 1863; 2nd Class in Literae Humaniores, 1866. Represented Oxford in the 100 yards race in the Inter-University Sports.

Lecturer at Balliol College, 1869. Entered the Education Department, 1870; Chief Clerk, 1893; Assistant Secretary to the Board of Education, 1900–4.

Engaged in Charity, Hospital, and Social Welfare Association Work in London. L.C.C. representative as Manager of Non-Provided Schools.

Author of 'The Evolution of the English Bible' (1901, 3rd edition 1911); 'The Question of Disestablishment' (1906), numerous articles in the *Fortnightly Review* and the *Nineteenth Century*.

A Golfer.

Q. Alpine.

George Harris Hodgson

(Feb. 1876, d.m. 1917)

Born 1838 or 39. Son of Rev. John George Hodgson and Matilda Anne Isacke.

Married 1879 Gertrude May Elizabeth, d. of Rev. T. Coombe-Williams of Coombe Lane, Croydon ; father of J. C. Hodgson.

Educated Harrow (Cricket XI, 1858, Football XI, 1857-8), and Trinity and University College, Oxford ; B.A., 1863.

Secretary to the Clergy Mutual Assurance Society.

Died 15 April 1917, in his 78th year.

Q. Alpine.

Original Member of the Climbers' Club.

1877. *Tschingel* pass ; *Lötschen* pass, *Beichgrat : Alphubeljoch* with C. E. Farmer ; *Aletschhorn* traversed (Jakob Anderegg).

1887. *Mont Blanc* (Adrien Granaud).

George Frederick Hodgkinson

(May 1865, resigned or died 1873)

Was clearly related to Rev. G. C. Hodgkinson (vol. i) who proposed him, and was at Pontresina with him in 1866, but I have no other certain information about him. Seems to have been in business in East London till 1868, then moved to Croydon. Perhaps Geo. Fred. H., son of John H., wholesale druggist of Stamford Street, born 18 Dec. 1818, educated at Merchant Taylors' School.

Q. *Alphubeljoch* and *Col de Trelatête*. The latter is a curious item, which also appears in the Q. of Chr. Oakley, q. v.

Francis Macnaghten Holland

(April 1864, resigned 1868)

Born 11 Jan. 1844. Son of John Holland of Bombay.

Educated Rugby and New College, Oxford (Scholar) ; 2nd Class in Classical Moderations, 1865 ; B.A. 1867.

Drowned in the Transvaal, May 1874.

Q. Alpine.

1865. *Rimpfischhorn* (3rd ascent), 5/viii (O.V.B.).

Edward Gore Alexander Holmes

(Dec. 1876)

Born 17 July 1850. Son of Robert Holmes of Moycashel, West Meath, and Jane, d. of William Henn, Master in Chancery, Dublin.

Married 1880 Florence Mary, d. of Captain Peter Macfarlane Syme, R.A.

Educated Merchant Taylors' School and St. John's College, Oxford; 1st Class in Classical Moderations, 1871; 1st Class in Literae Humaniores, 1873.

Assistant Master at Repton, 1874; at Wellington, 1874.

H.M. Inspector of Schools, Newcastle, 1875–1906; Chief Inspector of Elementary Schools for England, 1906–10.

Author of 'Poems' (1876); 'Poems' 2nd Series (1879); 'The Silence of Love' (sonnets, 1899); 'What is Poetry?' (1899); 'Walt Whitman's Poetry, A Study and a Selection' (1902); 'The Triumph of Love' (sonnets, 1902). 'What is Philosophy?' (1905); 'The Creed of Buddha' (1908); 'What is and what might be; a Study of Modern Education' (1911); 'The Secret of the Cross' (a Plea for the representation of Christianity (1919)); 'Sonnets and Poems' (an Anthology, 1920); 'The Quest of an Ideal' (an Autobiography, 1920); 'The Cosmic Commonwealth' (1921); 'Give me the Young' (1921); 'All is One' (a Plea for the Higher Pantheism, 1921); 'Freedom and Growth, and other Essays' (1923); 'Dying Lights and Dawning' (1924).

Q. Alpine.

Oliver Wendell Holmes

(Dec. 1866)

Born 8 March 1841, Boston, U.S.A. Son of Oliver Wendell Holmes, author of 'The Autocrat of the Breakfast Table' &c., and Amelia Lee Jackson.

Married 1872 Fanny, d. of Epes Sargent Dixwell of Cambridge, Massachusetts.

Educated Harvard University; B.A., 1861. Joined the Federal Army at the outbreak of the Civil War, 1861, and served with the 20th Massachusetts Infantry; was present at the battles of Bull's Bluff, Antietam, and Marye's Hill, and

wounded in each of them (see L. Stephen's 'Life', pp. 111, 116). Captain 1862. Provost Marshal of Falmouth, Virginia, and Lieut.-Colonel, 1863. A.D.C. on the Staff of General H. G. Wright, 1864. Mustered out with the rank of Captain, 1864.

Resumed his Education at the Harvard Law School. LL.B., 1866; LL.D., 1895. Taught Constitutional Law at Harvard, 1870–1; University Lecturer in Jurisprudence, 1871–2. Editor of the American Law Review, 1870–3.

Member of the Law Firm of Shattuck, Holmes and Munroe, 1873–82; Lecturer on Common Law at the Low Institute, 1880. Professor of Law at the Harvard Law School, 1882. Associate Justice, 1882–99, and Chief Justice, 1899–1902, of the Supreme Court of Massachusetts. Associate Justice of the Supreme Court of U.S. from 1902.

Honorary LL.D. of the University of Yale (1886) and Berlin (1910); Honorary D.C.L. Oxford, 1909. Member of the Massachusetts Historical Society.

Author of 'The Common Law' (1881). Editor of the 12th Edition of Kent's Commentaries (1873).

Q. Alpine.

1866. *Balmhorn*, 1/vii; *Tschingel* pass; *Mönchjoch* and *Mönch*, 12/vii (xxxii. 231), all with L. Stephen (see Stephen's 'Life', 180, 186–7); *Col du Géant*.

Sir Maurice Holzmann, K.C.B.

(Feb. 1874, C. 1881–4, V.P. 1887–9, d.m. 1909)

Born 1835, Cöthan in the Duchy of Anhalt, where his father, V. F. Holzmann, was an official in the Courts of Justice.

Studied Chemistry and Medicine at Leipzig and then under Professor Bunsen at Heidelberg.

Came to London, 1895, in order to devote himself to chemical research and obtained a post in Hoffmann's laboratory, but having become temporarily private secretary to the Belgian Minister, M. Sylvain Van de Weyer, was offered a position in the household of King Edward VII, then Prince of Wales, and remained in that service till his death. Was German Secretary and Librarian, 1863–1901, and Member of Council, 1882–1901, to the Prince of Wales; Private Secretary to Queen Alexandra, then Princess of Wales, 1870–86; Clerk of the Council and Keeper of the Records

to the Duchy of Cornwall, 1886–1908; Member of Council to King George V, then Prince of Wales, and Extra Groom in Waiting to King Edward VII, 1901–9. C.B., 1897; K.C.V.O., 1901; I.S.O., 1904; K.C.B., 1908.

He was devoted to music, painting, and sculpture, made a valuable and extensive collection of coins (see his learned note on Tyrol *v.* Tirol, xii. 471), and possessed a fine Alpine library.

Died unmarried 1 April 1909. ('Who's Who'; In Memoriam by W. E. Davidson and G. FitzGerald, assisted by R. Gaskell, xxv. 347–51.)

Q. Alpine. Original Member of Climbers' Club, but resigned 1899. Member of D.A.V., section Leipzig (1870 or 71).

1868. *Ortlerspitze*, 19/vii (Tourist, 1871, p. 689). 6th ascent, with a variation, of the *Weisskugel*, and new descent by the *Steinschlagjoch*, 31/viii (iv. 383; E. ii. 286; Eastern Alps, 155); 3rd ascent, with a new descent, of *Monte Antelao*, 9/ix (vii. 253 note, E. iii. 472).

1869. See viii. 462. 1st travellers' ascent of the *E. Feuerstein* (E. ii. 403; Tourist, 1871, p. 671; D.A.V. Jb. iii (1872), pt. ii. 74).

1871. 3rd travellers' passage of the *Pflerscher Hochjoch*, 5/ix (E. ii. 405; Eastern Alps, 1861; Z.A.V., 1872, pp. 44–5; D.A.V. Jb. (1872), pt. ii. 91).

1871–2. Dec.–Jan. Note on 'The Dolomites in Winter' and an attempt in January on *Monte Cristallo*, ix. 382.

1872. 1st ascent of *Cima Popera* (*Monte Giralba*), 5/ix (vii. 27, xv. 315, 369, 441–3; E. iii. 533–4); 1st direct passage from Ranalt to Ridnaun by the *Pfaffennieder* and *Uebelthalferner* (Eastern Alps 188, cf. 189–90; E. ii. 393, 401), and a passage of the *Passo di Canali* and *Passo de Miel*, with an ascent of the *Coston de Miel*, described Eastern Alps, p. 469. Two attempts (the earliest) to ascend the *Elferkofel* from the Anderstalpenscharte (Elferkofeljoch) seem to belong to this year (vii. 26, 257; E. iii. 526).

1874. Made another attempt on the *Elferkofel*, reaching the N. Vorgipfel (vii. 257; E. iii. 532); the 1st certain ascent of the *Hochbrunnerschneide* (*Monte Popera*) (vii. 257, viii. 460; E. iii. 532); an attempt on the *Zwölferkofel* (*Col Agnello*) (vii. 258; E. iii. 517–18); and the 1st ascent of the *Cima dei Preti* (*Monte Laste*), 23/ix (he wrote a long Note on this expedition, vii. 264. See Z.A.V., 1901, p. 387; 1902, p. 322; E. iii. 547, 548).

He wrote two topographical papers on the district bounded

by the Ampezzo road, and the Piave Padola and Sexten valleys, 1. The Ampezzo, Sexten and Auronzo Passes, vii. 9, dealing with the northern half; 2. The Ampezzo, Cadore and Auronzo Passes. vii. 240, dealing with the southern half of the region. They were the result of exploration carried on for five seasons between 1868 and 74: in much of it he had been preceded only by Dr. Paul Grohmann (cf. E. iii. 443); he was the 1st explorer of the mountains of the Val Ambata and Val San Rocco, where he discovered and crossed the *Forcella di Najarnola* and *Forcella d'Ambata* (vii. 27; E. iii. 536). See viii. 461, and cf. Eastern Alps 527.

1876. *Oberalpstock*, new route down the N. side, 4/viii (ix. 369, Tödi C.G., p. 20); 1st passage of *Im Fad* or the *Tschingellücke*, 7/viii (Tödi C.G. 26); 1st travellers' passage of the *Bundtnerkehle* with H. C. G. Browne, 8/viii (Tödi C.G. 26); and 1st ascent of the W. summit of the *Grosse Windgälle*, 12/viii (viii. 160, x. 307). *Weissthor* with Browne; *Rimpfischhorn*; *Monte Rosa* traversed from the Val de Lys; *Triftjoch*; *Col Durand* (xxxii. 103).

From 1877 to 1881 he climbed with R. Gaskell. During these five seasons they ascended sixty peaks and crossed twenty passes of over 10,000 feet; the following expeditions are recorded:

1877. 1st ascent of *Cima di Vallone* (or *Nafdisio*) 11/ix (viii. 398; E. iii. 320); 1st passage of the *Tschägerjoch* (x. 110; E. iii. 390); 1st ascent of *Cima di Lausa* (*Lausakogel*) (x. 110; E. iii. 386); 2nd ascent of *Cima di Brenta* (xi. 413; E. iii. 332).

1879. 2nd passage (E. Pennine C.G. 135) of the *Weissmies Sattel*, 10/ix (ix. 367); and, in eight days, *Wetterhorn*; *Schreckhorn*; *Mönch*, *Jungfrau*, *Eiger* (up in 4½ hours, down in 3 hours 5 min., 'La Montagne', 1907, p. 540); and *Jungfraujoch*.

1880. Responded for visitors at opening of Spannort Hut 8/viii (N.A.P. xii. 58); made the 2nd ascent and passage of *Monte Cercen* and the *Passo di Cercen*, 3/ix (E. ii. 233); 1st ascent of the *Cima d'Ambies*, 5/ix (E. iii. 315); made a practically complete 1st passage of the *Bocca di Presanella*, discovered and reached the *Passo d'Amola* and returned by the (1st passage of the) *Passo di Cornisello*, 6/ix (E. ii. 240). See x. 104–6; Notes on the Brenta Group, xi. 413; M.A.V., 1882, pp. 223–4; C.A.I. Boll. xli. 169, 192–3, 197, 202–3.

Also without Gaskell reached the hitherto unknown *Scalierett-thal* (Val Larsec) from the *Vajolett-thal* (Note by him, x. 110; E. iii. 386–7); and made the 1st ascent of *Monte Siera* (Siara), 23/ix; 1st travellers' ascent of SW. summit of the *Terza Grande*

25/ix ; and 1st ascent of *Monte Gheu*, 26/ix (Notes, x. 106–7 ; xv. 161 ; E. iii. 547, 551–2).

1881. New descent of the *Hausstock*, 13/viii (Tödi C.G. 109).

Also in one season with Gaskell climbed in eight days the *Vertainspitze*, *Hohe Angelus-spitze*, *Ortler*, *Königsspitze*, *Monte Cevedale*, *Cima dei Trei Signori*, *Monte Tresero*, and *Monte Sobretta*.

1883. 1st ascent of *Crap Ner*, 14/viii (Tödi C.G. 120) ; 1st ascent of the *Lentahorn* and a new descent of the *Güferhorn*, 29/viii (xi. 365).

1886. 1st travellers' passage of the *Mütterlislücke* (*Zahnlücke*), 13/viii (note by him, xiii. 122 ; Bernese C.G., iv, pt. i. 70) ; 2nd passage of the *Damma* Pass, 14/viii (note by him, xiii. 122, and see p. 176).

1888. *Dent du Midi* (Maurice Caillet's Book.)

1889. 1st (Tödi C.G. 51, 53) or 2nd (Urner-Alpen Club-Führer, i. 96, 99) ascent of the *Klein Ruchen*, 8/viii. *Nord End* with G. FitzGerald, 7/viii.

1890 and 91. See W. E. Davidson.

1892. *Täschhorn* (traversed ?) with FitzGerald.

1893. *Punta Sella* with Davidson, 17/viii ; traverse of all five peaks of *Aiguille des Grandes Charmoz* with Davidson and Fitz-Gerald, 5/ix ; *Grand Dru* with FitzGerald, 11/ix.

1894. *Langenfluhjoch*, 11/viii, and *Rimpfischhorn* traversed from Adler pass, 18/viii, with FitzGerald ; *Alphubel*, 2nd ascent by WSW. arête with Davidson and FitzGerald, 25/viii. Also *Matterhorn* and *Lyskamm* some time in the nineties. He then, having attained his 60th year, retired from active mountaineering.

He contributed to the A. J. a remarkable review of Dr. Paul Grohmann's 'Wanderungen in den Dolomiten', viii. 459 ; and to Ball's 'Eastern Alps' (besides the references already given) descriptions of the *Pitzthalerjöchl* (p. 165), and *Hinterberglerjoch* (=*Brunnenkogelscharte* ? p. 182) ; and the account of the range between Sexten and Auronzo, (pp. 527–9) is mainly derived from him.

Rev. James John Hornby

(Dec. 1864, d.m. 1909)

Born 18 December 1826, Winwick. Son of Admiral Sir Phipps Hornby (D.N.B.) and Maria Sophia, d. of General John Burgoyne (D.N.B.).

Married 1869 Augusta Eliza, d. of Rev. J. C. Evans of Stoke Poges.

Educated Eton (Cricket XI, 1845) and Balliol College, Oxford ; 1st Class in Literae Humaniores, 1849. Rowed in the winning University VIII *v.* Cambridge, 1849 ; (?) rowed at Henley, 1850, in the University VIII, rowing over for the Grand Challenge Cup and Steward's Plate, and won the Pairs at the same regatta with J. W. Chitty (afterwards Mr. Justice Chitty). Rowed at Henley, 1851, in the University VIII *v.* Cambridge, winning the Grand Challenge Cup, and in the Brasenose VIII, winning the Ladies' Plate.

Fellow of Brasenose College, 1849–69.

H.O., 1854. Principal of Bishop Cosin's Hall and Vice-Master of University College, Durham, 1853–64. Honorary D.C.L., Durham, 1882.

Lecturer and Bursar at Brasenose College, Oxford, 1864–6 ; Proctor, 1866. Second Master at Winchester, 1867.

Head Master of Eton, 1868–84 ; Provost of Eton, 1884–1909 ; Honorary Chaplain to Queen Victoria, 1882–1901 ; to King Edward VII, 1901–9. C.V.O., 1904. Honorary Fellow of Brasenose College.

Contributed several articles to Smith's 'Dictionary of the Bible'.

Was well known for his skill as a skater.

Died 2 Nov. 1909. (D.N.B. ; M. and W. ; In Memoriam by D. W. Freshfield and T. H. Philpott, xxv. 46, see also xxx. 230–1, 244.)

Q. Alpine.

1856. *New Weissthor*, 28/viii (xxxii. 55).

1861. *Theodule* ; *Strahlegg* ; *Col du Géant* ; *Mont Blanc*, 26/ix ; all with T. H. Philpott, who was also his companion during the five following seasons.

1862. *Oberaarjoch*, 16/viii (xxxii. 240) ; *Finsteraarhorn*, 24/viii (xxxii. 223).

1863. *Titlis* ; *Wetterhorn* ; *Mönchjoch* and *Mönch*, 3rd ascent (by R. J. S. Macdonald's route), 4/viii (xxxii. 230 ; Central Alps, 111–12) ; *Jungfrau*, 6/viii (xxxii. 227 ; J. Tyndall also joined in this expedition, and described it in 'Hours of Exercise', ch. xvii) ; *Weisshorn*, 11/viii (xxxii. 216 ; see i. 201 and Chr. Almer, p. 100) ; *Cols de Collon, de Valpelline*, and *du Mont Brulé* ; *Pas de Chevres* and *Col du Mont Rouge* ; *Col de Sonadon* : *Col Ferret* in a blizzard; examined the Brenva route to Mont Blanc, a plan cherished by Hornby, but vetoed by Christian Almer ; *Col de Miage*.

1864. 1st passages of *Cols du Grand Cornier*, 27/vii (Notes, Western Alps, 302); and *de Moiry*, 28/vii (Notes, Western Alps, 303); 2nd passage of the *Bruneggjoch*, combining with it the 3rd travellers' passage of the *Col de Tracuit*, 30/vii (Studer, ii. 536–8); attempt on the *Dent Blanche* (J. Macpherson joined in this expedition), 5/viii (ii. 293, xxxii. 209); *Dom*; 1st passage of the *Schallijoch*, 10/viii (i. 431–2); 1st traverse of the *Aletschhorn*, 13/viii (i. 434, xxxii. 235); 1st passage from S. to N. of the *Jungfraujoch*, 16/viii (i. 434; Central Alps, 108); *Eiger*, up and down in less than nine hours (i. 435).

1865. 2nd ascent of the *Lauterbrunnen Breithorn* (being preceded by five or ten minutes by E. v. Fellenberg), making on their return a variation in the descent of the *Wetterlücke*, 31/vii (ii. 210; S.A.C.J. iii. 297, 307–10); 1st and only ascent of the *Silberhorn* by the NW. face, 10/viii (ii. 210). He wrote a paper on this expedition, which resulted in their only night out, ii. 254; *Petersgrat*.

1866. With F. Morshead, 4th ascent of the *Schreckhorn*, 27/vii (S.A.C.J. v. 426); 1st passages of the *Ebnefluhjoch*, 31/vii; *Schmadrijoch*, 4/viii; and *Agassizjoch*, 8/viii (ii. 410. He wrote a paper on these expeditions, iii. 85).

See xxx. 231–7 for an account of their partnership by Philpott. Their expeditions (before 1865) also included *Monte Rosa*, *Triftjoch*, *Alphubeljoch*; *Col d'Hérens*; *Gauli pass*; *Tschingel* pass; *Lötschen* pass.

1867. 1st ascent of the *Gletscherhorn*, 15/viii (iv. 54); attempt, with H. B. George, on the *Gspaltenhorn*, 21/viii (iv. 54, 157, 382).

1868 (his last season). *Rheinwaldhorn*; *Tödi*; *Petersgrat: Birchfluh Pass* (three weeks, mostly bad weather; Ulr. Lauener, p. 126, xxx. 301).

Eliot Howard

(Dec. 1867)

Born 13 July 1842. Son of Robert Howard of Tottenham and Rachel, d. of Samuel Lloyd of Birmingham. Brother-in-law of W. Fowler.

Married 1871 Charlotte, sister of F. F. Tuckett. Father of G. E. Howard.

Educated at the Friends' School, Tottenham.

In 1861 went to the Millwall Iron Works, a large shipbuilding establishment, where he soon obtained a responsible position, being prominently engaged in the construction of the *Northumberland*, one of our earliest ironclads, and other extensive works. In 1863 he joined his elder brother, Robert Luke Howard, in the business of Hayward Tyler & Co., hydraulic and electrical engineers, London, which has since expanded into large works at Luton, in addition to those in London, and taken a leading part in all the modern developments of electrical engineering. He and his brother became the heads of the firm which was converted into a limited company.

In October–November 1870 acted with T. Whitwell and R. Spence Watson (vol. i) as one of the agents of the Society of Friends to distribute to the peasantry and other non-combatant sufferers in France and Germany. Their work was described by Sp. Watson in a pamphlet, ' The Villages round Metz '.

Q. Alpine.

1867. With F. F. Tuckett and F. E. Blackstone, from Trieste viâ Adelsberg to Cilli ; up the Sannthal, 19/v ; by the *Paulitschsattel* to Vellach, by Krainburg to Veldes, 20/v ; Wurzen ; Pontafel, 24/v ; to the Gailthal by the *Auernighöhe*, 25/v ; left it by the *Valentinerthörl* and *Wolayerjoch*, 27/v ; Pieve di Cadore, 28/v ; by *Forcella Cibiana* to Forno di Zoldo, 29/v ; *Forcella d'Alleghe* with Blackstone, 30/v ; rejoined Tuckett at Cencenighe, 31/v ; crossed with him the *Rosetta-Comelle* pass to S. Marino, reconnoitring en route the Pala di S. Martino (2nd travellers' passage of the high plateau of the Pala group), 1/vi (E. iii. 400, 12, 31) ; by Feltre and Val Sugana to Trent and Molveno ; with Blackstone, *Bocca di Brenta*, 6/vi (iv. 45) ; *Sforcellina* pass, 10/vi ; *Monte Confinale*, 11/vi ; 1st complete passage of the *Trafoierjoch* and 2nd ascent of the *Schneeglocke* with Tuckett, 13/vi (E. ii. 142–3 ; Central Alps, 433). See iv. 42–7. Crossed a nameless pass from the head of the Val Strona to Ponte Grande with Tuckett, 19/vi. See Tuckett, 265–283.

1868. *Tschingel* pass ; *Gauli* pass ; *Nestjoch* ; *Petersgrat* ; *Finsteraarjoch*, 5–22/vii (J. Anderegg).

1869. 2nd visit to Carniola with Tuckett : *Kotschna* pass, 5/vi ; ascents of the *Terglou*, 7/vi, and *Mangert*, 9/vi. (He wrote a paper on these expeditions, iv. 345 ; cf. Tourist, 1869, p. 734 ; 1870, pp. 11–12.) *Marmolata*, 17/vi ; *Piz Languard*,

25/vi ; *Piz Corvatsch*, with a new descent to Sils Maria, 26/vi, all with Tuckett and J. H. Fox (Tuckett, 284–90).

1870. Visited the Alps, but was disabled for climbing by a shooting accident in the previous autumn (Tuckett, 299 note).

1871. See v. 338.

Thomas Howse

(Feb. 1864)

Born 31 December 1834. Son of Thomas Howse.

Married 1864 Mary Flight.

Educated Chatham House, Ramsgate, Neuwied and Paris.

Partner in the firm of Howse, Mead & Sons, Woollen Merchants, London, 1861 ; retired *c.* 1866.

F.L.S.

Q. Alps and Pyrenees.

1861. *Monte Rosa*, 25/vi (O.V.B.).

Contributed Notes on 'The Flora of the Engadine' (ii. 423) ; 'The Moss Flora of St. Moritz' (v. 273), and papers mainly geological and botanical on 'The Cantal' (x. 37), 'Engelberg' (xxi. 315), and 'The Exotic Granites of the Habkernthal' (xxxi. 95).

1907. Presented a valuable collection of dried specimens of Alpine Flowers and Mosses to the Club (xxiii. 653).

Frederic Campbell Hulton

(Feb. 1874, d.m. 1899)

Born 23 June 1841. Son of William Adam Hulton, County Court Judge, Preston (M.E.B.), and Dorothy Anne, d. of Edward Gorst of Preston. Brother of G. E. Hulton (q.v.).

Educated Cheltenham and Preston Grammar School.

Solicitor (1863), Preston. Clerk of the Peace for the County Palatine of Lancaster ; Registrar of the Preston County Court and of the Bankruptcy Court, Clerk to the Lancashire County Council from its commencement, and to the Joint Committee of the County Council and the Court of Quarter Sessions. In 1898 the members of the County Council, to mark their sense of his services, subscribed for his portrait, which now hangs in the Council Hall. Was also Clerk to the Lancashire Asylums Board and the Sea Fisheries Joint Committee. An indefatigable

worker, and widely known as 'a master of legislation bearing upon civil administration, local government, and criminal procedure'.

A keen Rugby football player and cricketer, for many years Secretary, and later President, of the Preston Cricket Club.

Died unmarried 20 May 1899 (*Preston Guardian*, 27 May).

Q. Alpine.

1873. With G. E. Hulton, *Matterhorn*, 11/viii; *Lyskamm*; *Triftjoch*; *Col Durand* (Joh. Fischer).

George Eustace Hulton

(Dec. 1872, C. 1880–3, d.m. 1909)

Born 14 July 1842. Brother of F. C. Hulton (q.v.).

Educated Rossall.

Merchant: partner in the firm of Sewell & Hulton, Manchester, 1870–95. For twenty years actively promoted the usefulness of the Manchester and Salford Savings Bank as committee man and trustee.

Died 3 December 1909. (In Memoriam, by C. Pilkington, xxv. 50.)

Q. Alpine.

1873. See F. C. Hulton.

1874. *Monte Rosa*, new route by the S. face known as the route 'by the rocks', 20/viii (vii. 107, 154, xiii. 203, xv. 454). With H. S. Hoare, 1st ascent by the W. arête, and the 2nd traverse from Zinal to Zermatt, of the *Gabelhorn*, 23/viii (vii. 153).

1876. *Breithorn* from the N.; *Strahlhorn*, descent by E. face (xxxi. 259).

1879. With H. S. Hoare, *Gabelhorn*, 1st ascent from the Arbenjoch. (Pennine C.G., p. 93; Pioneers, p. 96.)

1882. With C. and L. Pilkington, guideless ascents of *Piz Kesch* (1st); *Piz Roseg* (1st), 7/viii; *Piz Bernina* (2nd), 9/viii; and *Monte della Disgrazia* (1st), the latter by a new route, 12/viii (xi. 121, 182: he read a paper before the Club on the three last expeditions, 'The Monte della Disgrazia from the North-East', xi. 245).

1886. *Tiefenmattenjoch*, 2nd passage, with Horace Walker

(S.A.C.J. xxiii. 27). Contributed Notes on Col de Vacornera, Western Alps, 280.

1890. *Rothhorn* with Walker, 31/vii (W. E. Davidson).

One of the earliest members of the Club to visit the Lake District, and a pioneer of climbing in the British Isles. From 1875 onward was for many years, with F. Gardiner, the principal organizer of informal gatherings in the Lake District and Wales. Particulars of these gatherings from 1878 to 83 are given in the A.J. In 1882 made the 1st ascent of Deep Ghyll with C. and L. Pilkington (xxv. 50; F.R.C.C.J. i. 199). In 1883 with L. Pilkington and Horace Walker visited the Coolins; ascents of *Bidein Drum nan Ramh*, *Sgurr Alasdair*; *Sgurr Dubh*; and the *Inaccessible Pinnacle* (3rd ascent ?) (xiii. 435–6, 439, 441, 2, 4).

Edward Patten Jackson

(Feb. 1874, d.m. 1881)

Born 10 August 1842. Son of Sir William Jackson, Bart., M.P., merchant, of Birkenhead, and Elizabeth, d. of Thomas Hughes of Liverpool.

Married 1865 Margaret Anne, d. of George Samuel Sanderson of Birkenhead, aunt of A. L. Clover.

Colliery owner.

Died at Wynberg, Cape Colony, 17 January 1881. (In Memoriam, x. 231, by C. T. Dent.)

Q Alpine.

Member of C.A.F., section Paris, 1877.

1876. *Weissmies*, new ascent by the E. face, with Mrs. Jackson and J. H. A. Peebles Chaplain, 17/viii (viii. 226).

1877. *Lyskamm*, 25/viii, and *Matterhorn* traversed from Breuil, 6/ix, with Mrs. Jackson.

1878. *Mont Blanc* with Mrs. Jackson, 8/viii; *Col de Miage* with Mrs. J. and W. E. Davidson, 14/viii (?). The following expeditions were also made in this season by one or both of them between 1/viii and 15/ix: *Gabelhorn*, *Breithorn*, *Brunegghorn*, *Nord End*, of Monte Rosa, *Col du Glant*, *Old* and *New Weisstors*, *Biesjoch*, *Bruneggjoch* (A. Pollinger), *Col d'Hérens*, *Grand Cornier*, and *Moming* pass.

1879. 15/viii–15/ix, *Dent Blanche* ; *Dent d'Hérens* ; *Rimpfischhorn* ; *Mönchjoch* ; *Eigeijoch*, all with Mrs. Jackson (A. Pollenger).

Mrs. E. P. Jackson, member of C.A.F., section Paris, 1877, was one of the foremost of lady mountaineers : she climbed 1883–7 inclusive ; among many notable expeditions made by her are the following :

1878. A new route up the *Dom* by W. and NW. arêtes with P. W. Thomas, 4/ix (ix. 110, xv. 170, 222).

1884. A new route up the *Dent Blanche* by the W. arête with K. Schulz, 25/viii (xii. 122).

1888. 1st winter ascents of the *Gross Lauteraarhorn*, 5/i ; *Pfaffenstöckli*, 6/i ; *Gross Viescherhorn*, 11/i ; and traverse of *Jungfrau* descending to the Wengern Alp, 16–17/i (xiii. 466). She wrote a paper on these expeditions, ' A Winter Quartette ', xiv. 200, and in 1903 read a paper before the Y.R.C. on ' Winter Mountaineering in 1888 ', Y.R.C.J. ii. 97. The Jungfrau expedition resulted in severe and permanent injury from frost-bite (Studer, i. 185).

Between 1872 and 87 made about 140 ' grandi ascensioni '.

Died 13 October 1906, aged 63. (See La Montagne, ii. 582 ; R.M., 1906, p. 486.)

Christopher James

(Feb. 1874, d.m. 1910)

Born 3 October 1846, Swansea. Son of John William James, superintendent of Swansea Harbour.

Educated Cheltenham (passed First into the Royal Military Academy, Woolwich, 1864, but did not proceed there), and Caius College, Cambridge (Scholar) ; 11th Wrangler, 1868.

Fellow of Caius College, 1868–80.

Barrister (Lincoln's Inn), 1870 ; Bencher, 18—.

Secretary to his uncle, Lord Justice James, 1873–81. Secretary to the Lords Justices in Lunacy, 1883.

Died 24 December 1910. (*The Times* : the Caian, 1911.)

Q. Alpine.

1874. See A. H. Burton.

James Jardine

(Feb. 1873, d.m. 1909)

Born 6 June 1846, Dunstable. Son of William Jardine of Dunstable, J.P., and Jane, d. of Robert Sharpe of Closeburn.

Married 1878 Fanny Agnes, d. of Lt.-General Michael Weekes Willoughby, C.S.I. Father of J. W. Jardine.

Educated Dunstable and Caius College, Cambridge; 8th Wrangler, 1867.

Fellow of Caius College, 1868–78. Rowed in his College VIII.

Barrister (Inner Temple), 1871. Bencher.

Practised in Bombay, 1875–95: Perry Professor of Jurisprudence, 1877–84, and Dean of Faculty, 1894, at Bombay University; Q.C., 1895. After his return from India practised chiefly before the Judicial Committee of the Privy Council.

Was a cricketer, and played occasionally for the M.C.C.

Died suddenly at St. Moritz, 6 January 1909. (Who's Who.)

Q. Alps, Mt. Hymettus and Mt. Pentelicus.

Hon. William Nassau Jocelyn

(July 1864, d.m. 1892)

Born 23 Oct. 1832, Brighton. Son of 3rd Earl of Roden and Maria Frances Catherine, d. of Thomas Lord Le Despencer. Uncle of R. B. W. Noel (q.v.).

Married 1866 Cecilia Mary, d. of Admiral the Hon. Sir George Elliott, K.C.B., and niece of 2nd Earl of Minto.

Educated Eton and Trinity College, Dublin.

Entered the Diplomatic Service, 1854, as attaché at Hanover. Was attached to Lord Elgin's Mission to China, 1858–9, then served at Vienna and Berlin, where he was promoted 2nd Secretary of Legation, 1862; transferred to Turin, 1863; Secretary of Legation at Stockholm, 1868; at Berne, 1873; Secretary to the Embassy at Constantinople, 1874–8; Charge-d'Affaires at Hesse Darmstadt, 1878; appointed Resident Minister to the Grand Dukes of Baden and Hesse Darmstadt, 1892; C.B., 1884.

F.R.G.S., 1873.

Died 11 Nov. 1892. (*The Times.*)

Q. Alpine.

Wrote a letter on a New Description of Level, ii. 43.

Arthur Johnson

(Jan. 1870)

Born 1838. Son of William Johnson, farmer, Norfolk.

Educated privately.

Engaged in engineering work for ten years; retired into the country in 1871.

For many years Hon. Secretary of the Colonial College, Hollesley Bay.

Q. Alpine.

1868. See R. N. Hayward.

1878. Wrote an account of an accident on Monte Cevedale, ix. 162.

Wrote In Memoriam notice of T. Brooksbank, xxi. 324.

Alexander Keith Johnston

(Dec. 1865, resigned 1866)

Born 28 Dec. 1804, Penicuick, Midlothian. Son of Andrew Johnston and Isobel, d. of Archibald Keith of Newbattle.

Married 1837 Margaret, d. of Robert Gray of Edinburgh.

Educated Edinburgh High School and University.

Was apprenticed, 1820, to the firm of James Kirkwood & Sons, Engravers, Edinburgh; in 1826 entered into partnership with his elder brother William who had set up in a business as an engraver, 1825, and with him founded the well-known firm of W. & A. K. Johnston, Geographical Publishers. They carried on business together till 1867, when William retired.

Appointed Geographer in Ordinary to Queen Victoria, 1840. Was awarded a Diploma by the Berlin Geographical Society, 1848, and a medal at the International Exhibition, London, 1851, for a globe illustrative of physical geography, the first ever constructed.

Secretary of Geology and Physical Geography section of British Association at Edinburgh, 1850, and read a paper 'On the Geographical Distribution of Disease, as indicating the connexion between Natural Phenomena and Health and Longevity'; V.P. of Geography and Ethnology section at Glasgow, 1855.

F.R.G.S., 1843; awarded the Patron's Medal of the Society,

1871. (This honour had only been conferred on two other cartographers, John Arrowsmith and A. H. Petermann.)

F. Geol. S., 1845. F.R.S. Edinburgh, 1850. Member of Edinburgh Geological Society, 1862. One of the founders and Hon. Secretary of the Scottish Meteorological Society. LL.D. of Edinburgh University, 1865.

Member of the Geographical Society of Paris. Corresponding Member of the Geographical Societies of Vienna, St. Petersburg, and Bombay, and the Geographical and Statistical Society of America.

Died 9 July 1871. (D.N.B., &c. A. H. Petermann, in an obituary notice in the 'Mittheilungen', 1872, pp. 63–4, makes special mention of the following works: National Atlas, 1843; Dictionary of Geography, 1850; A Series of School Atlases, General, Classical, Physical, Astronomical, 1851–5; Atlas of Military Geography (for Sir Archibald Alison's 'History of Europe') and a chart of the Geographical Distribution of Health and Disease, 1852; The Royal Atlas of Modern Geography, 1855; Atlas of the United States of N. America, 1857; A handy Atlas of General Geography and several smaller Atlases; A series of large Library Maps, and a large number of School Wall Maps.)

Q. 'Author of the Physical Atlas and numerous other Geographical works, and compiler and engraver of the forthcoming Alpine Club Map of Switzerland.'

William Leighton Jordan

(Dec. 1868, resigned 1891)

Born 1836, Rio de Janeiro. Son of Swinfen Jordan, merchant, of Manchester and Rio de Janeiro, and Mary Louisa, d. of William Pennell, H.M. Consul-General in Brazil.

Lived in Brazil till 1848.

Educated at a school near Manchester till 16, then for a year or two went for two hours a day to a tutor, but otherwise was left to employ his time as he pleased, and became interested in science. When about 18 began working in his father's business, partly in England, partly abroad, and became a partner at an early age; during this time he pursued his scientific studies, apparently without any outside assistance or guidance, and in 1863, at his father's suggestion, retired from business in order

to devote himself to them altogether. After returning for a time to South America, crossing the Andes, and travelling through a great part of California on foot, came to London and 'settled down to evolve a demonstration of the pre-Galileo idea of *inertia* which I had arrived at by a new definition of its relation to gravitation'. A paper on Ocean Currents in support of his views was rejected by the R.G.S. in 1866, and another on the Tides by the Royal Society in 1868. He published them in two books, 'The Elements: an Investigation of the Forces which determine the Position and Movements of the Ocean and the Atmosphere' (1866; vol. ii, 1877) and 'A Treatise on the Action of Vis Inertia in the Ocean' (1868). Sir George Stokes, who had dealt with the Tides paper, said of him at this time, 'We all recognize that your friend is just the man to be encouraged to stick to science, but his views are so directly at variance with what we know to be true that no serious scientific society can have anything to do with them'. Late in 1868 he returned to South America and resided for a considerable time at Buenos Aires, where he published 'Remarks on Recent Oceanic Exploration by the British Government and the supposed Discovery of the Law of Ocean Gravitation by Dr. W. B. Carpenter' (1871).

He thought that there was a conspiracy of men of science against him, and continued his efforts to convince the world in several other works, among them 'The Admiralty Falsification of the Challenger Record' (1890), the latest being 'The Sling: Letters to the Royal Institution, the Institution of Civil Engineers and the Admiralty, May 1905–May 1912', a volume of 431 pages. It is pathetic to find him writing in 1917 'the opposition in the scientific world is now, I think, fairly cornered'.

Was also the author of 'The Standard of Value' (1883), 'The Argentine Republic, a descriptive and historical sketch', and the article on the Argentine Republic in the 'Encycl. Brit.', 9th edition. Held very decided views with regard to liquidating the National Debt.

F.R.G.S.; F. Roy. Meteorolog. Soc. (1897); President of English Literary Society of Buenos Aires.

Died suddenly in London, 19 May 1922. ('Journ. of Roy. Meteorolog. Soc.', 1922, pp. 371–2; private information: report of Inquest in *Evening Standard*, 23 May, p. 6.)

Q. Alpine.

1867. *Col du Géant* (twice); *Mont Blanc*, 10/viii; *Aiguille de l'Eboulement*, 2nd traverse, with variations, with M. Hall 12/viii (xvii. 65); made two attempts on the *Matterhorn* from Zermatt (the earliest since the fatal 1st ascent), 22–3/viii and 9–10/ix, getting on the latter expedition to within an hour of the top; *Adler* pass; *Matterhorn* from Breil, 2/x; descended to the point he had reached 10/ix, and returned to the Italian hut. He intended to cross to Zermatt next day (3/x), but was obliged by bad weather to return to Breil; he had, however, virtually traversed the mountain (iv. 56, 189; 'Echo', 1867, p. 146; 1868, p. 23; C.A.I. Boll. ii. 392, a translation of his account in the Breil Visitors' Book. He wrote an account of the three Matterhorn expeditions, xxx. 316–23).

1868. *Weisshorn*, 11/ix (xxxii. 98, 217).

His Q. also includes *Aiguille Verte* and the *High Level Route*. Was present at the December meeting, 1877, and during a discussion on a proposed amendment to the rule as to Candidates' Qualifications, expressed his belief that the Club was meant and ought to be simply a confraternity of climbers (viii. 408).

In 1916 he presented to the Club his 'Essays in illustration of the action of Astral Gravitation in Natural Phenomena' (xxx. 343).

Frederick Kelly

(Dec. 1875, resigned 1892)

Born 1844, Chester. Son of William Kelly.

Married 1870 Mary A. Batchelor.

Educated privately.

Cotton broker, Birkenhead; later, parliamentary agent (Liberal), Birkenhead.

Died 1915.

Q. Alpine.

Theodore Kensington

(Feb. 1871, resigned 1874)

Born 26 July 1844, Tidenham, Gloucestershire. Son of Arthur Kensington and Eleanor Susan, d. of Rev. John Finney Belfield.

Married 1880 Eva, d. of Rev. C. Ranken Hall of Shorenewton, and widow of Arthur Clark.

Educated Winchester and New College, Oxford ; 1st Class in Classical, 2nd Class in Mathematical Moderations, 1865 ; 1st Class in Mathematical Greats, 1866 ; 2nd Class in Literae Humaniores, 1867 ; Fellow of New College, 1869–80.

Assistant Master at Marlborough, 1868, at Winchester, 1870–1904. Then resided at West Malvern ; J.P. for Worcestershire.

Q. Alpine.

1871. *Ortlerspitze* with F. Morshead and C. E. Mathews, 8/viii ('Tourist', 1871, p. 689 ; 1872, p. 91).

John Hawthorne Kitson

(Feb. 1867, d.m. 1899)

Born 17 May 1843. Second son of James Kitson of Elmet Hall, Co. York, J.P., Mayor of Leeds (M.E.B.), and Ann, d. of John Newton.

Married 1868 Jessie, d. of Robert John Ellershaw.

Educated University College, London ; B.A. of London University, 1863.

Was a partner with his brother James (afterwards Lord Airedale) in the firm of Kitson & Co., Iron and Steel Manufacturers, Leeds, and his attention was largely given to the management of the Airedale Foundry. His scientific knowledge, joined to his special ability on locomotive design, did much towards creating the reputation of the firm. He was one of the best-known men in the engineering world, his vigour and force of character having brought him prominently to the front in the great strike of engineers in 1871. Was an active member of the Executive of the National Federation of Engineers.

Succeeded his father at Elmet Hall, 1885. J.P. (1894) for the West Riding of Yorkshire. Was chairman at the time of his death of the Roundhay Parish Council, and had been chairman of the Roundhay and Seacroft District Council.

Was an ardent gardener and cultivated Alpine plants with great success.

Died 21 May 1899. (In Memoriam, xix. 585 ; Y.R.C.J. i. 142 ; *The Times*, &c.)

Q. Alpine.

1865. *Aletschhorn* traversed with A. G. Puller, 13/vii (xxxii.

236); *Finsteraarhorn* with R. W. Head, 16/vii (xxxii. 224; cf. Almer, pp. 110–11).

1866. *Monte Rosa*; *Dom*; *Lyskamm* traversed by the E. and W. arêtes, 13/vii, all with Christian Almer alone (ii. 4, 14; xxxii. 210); *Col du Grand Cornier*, being the first visitor to the new hotel at Zinal; *Schallijoch*, 5/vii (see v. 305); *Triftjoch*; *Moming* pass. See Almer, p. 121.

1871. *Riffelhorn*, 1st ascent from the Gorner glacier, 5/viii (v. 376); *Biesjoch*, *Brunegghorn* (making a variation in the descent on the W. side), and *Col des Diablons*, 7/viii; *Col Durand*, 8/viii; *Weisshorn*, 1st ascent by the N. arête and 1st traverse, 11/viii (v. 274; he wrote a paper on this expedition, 'The Weisshorn from the North', v. 306); *Jungfrau* from the Faulberg and back in 7½ hours (v. 377). See Almer, p. 167.

1872. With J. Jackson, 6th ascent of the *Mönch* from the Wengern Alp, descending to the Ober Mönchjoch and returning to the Wengern Alp over the *Jungfraujoch* in a single day (Studer, i. 206); 1st traverse of the *Eiger*, descending by W. A. B. Coolidge's 1871 route, then crossing the *Eigerjoch* and descending by the *Mönchjoch* to Grindelwald in a single day (Studer, i. 304); *Wetterhorn* and *Mittelhorn* from Rosenlaui, descending by the *Rosenegg* to Grindelwald, in a single day. See Almer, p. 172.

1875. *Gabelhorn*, by a partly new route from the west, with F. T. Wethered, 16/viii (vii. 320).

1876. With J. Jackson, *Cols de Sonadon*; *de Seilon*; and *d'Herens*; *Lysjoch* and *Lyskamm*; *Sesiajoch*; *Matterhorn* 12/viii; *Gabelhorn* (?) (Chr. Almer, p. 200).

After a serious illness about 1877 he gave up mountaineering (Y.R.C.J. i. 142).

Rev. William Angus Knight

(June 1874, resigned 1884)

Born 22 Feb. 1836. Son of Rev. George Fulton Knight of Mordington, Berwickshire.

Married Mary Simpson, d. of David Landale of Kirkcaldy.

Educated Circus Place School, High School and University of Edinburgh.

Minister of St. Enoch's Free Church, Dundee, 1866–73; of St. Enoch's Parish Church, Dundee, 1874–6.

Examiner to St. Andrews University, 1871–3; Professor of

Moral Philosophy at St. Andrews University, 1876–1902. Examiner to the University of New Zealand, 1878; to the Civil Service Commissioners, 1878–1908; to London University in Mental and Moral Sciences, 1888–93, 1894–9; to Victoria University, 1892–5. LL.D. of Glasgow University, 1879. Founder of the Wordsworth Society, and the life and soul of it during the six years it lasted: edited 'Wordsworthiana', papers read to the Society, 1889.

Published 'Poems from the Dawn of English Literature to 1699' in 1863. 'Colloquia Peripatetica or Deep Sea Soundings', notes of conversations by Professor John Duncan (D.N.B.) with W. A. K., were published in 1870 (3rd ed. 1871, 5th ed. 1879); and 'Inter Amicos', letters between James Martineau (D.N.B.) and W. A. K., 1869–72, in 1901.

From 1878 to 1912 he published voluminously, being responsible as author and editor for considerably over 100 volumes, which may be classified as follows:

(1) Philosophical, including 'Studies in Philosophy and Literature', 1879, 'in which he was thought to have waded considerably beyond his depth in pursuit of the infinite'; 'Hume' (in 'Philosophical Classics for English Readers', of which he was the Editor, bringing out 15 volumes between 1881 and 1889), 1886 and 1895; 'Aspects of Theism', 1893; 'The Christian Ethic', 1893; 'The Philosophy of the Beautiful, its History', 1891; its Theory, 1893 (republished 1903–4); 'Varia: Studies on Problems of Philosophy and Ethics', 1901. He also edited a volume of Essays on Spinoza (translated) by J. P. N. Land, Kuno Fischer, J. van Vloter, and E. Renan, 1882.

(2) Biographical, including 'Principal Shairp and his Friends' (1888); 'Memoir of John Nicol, Professor of English Literature in Glasgow University' (1895); 'Lord Monboddo and some of his contemporaries' (1900); 'Some Nineteenth-Century Scotsmen' (1902); 'Biographical Sketch of Sir Thomas Thornton' (1905); 'Memorials of Thomas Davidson' (1907).

(3) Several Works relating to St. Andrews.

(4) University Extension Manuals (edited; 25 vols., 1891–9).

(5) Miscellaneous, including 'Stories and Rhymes of Golf' (1893); 'Reciprocity in Trade, the Empire's Safeguard' (1903); 'Retrospects' (1904); 'Nugae Viatoris', 'The Glamour of Oxford' (1911).

(6) Numerous works relating to Wordsworth (by which he is

best known), including 'The English Lake District as interpreted in the Poems of Wordsworth', 1878; an edition of Wordsworth's Poetical Works in 8 vols., with a Life in 3 vols., 1881–9; 'Memorials of Coleorton' (Letters of Coleridge, Wordsworth, Southey, and Walter Scott to Sir George and Lady Beaumont of Coleorton, 1803–34, edited, 2 vols., 1887); 'Wordsworth's Prose', 1893; a 12 volume edition of the Works of William and Dorothy Wordsworth, 1896–7. Letters of the Wordsworth Family, 1787–1855 (collected and edited 1907). He has also edited the Poems of Coleridge and Scott.

In 1898 he presented to the trustees of Dove Cottage, Grasmere (the Wordsworths' old house), all the editions of Wordsworth's poems in his possession, many Wordsworth relics, portraits, sketches and engravings, MSS., letters, &c. Compiled an 'Official Catalogue of the Contents of Dove Cottage', 1902.

Also published numerous anthologies, including 'Pro Patria et Regina', 1901, and 'Pro Patria et Rege; Poems on War, British and American' (2 series, 1915). Was engaged on a 3rd series when his last illness overtook him. An ardent supporter of the higher education of women; his missionary wagonette was well known throughout Scotland and his work did much towards inaugurating the L.L.A. (Licentiate in Literature and Arts) degree for women. A Civil List pension of £250 was conferred upon him a few years before his death.

Died 4 March 1916. ('Who's Who'; *The Times*, &c.)

Q. Alpine.

1873. Skye; made the 1st ascent of *Knight's Peak*, the 4th pinnacle of *Sgurr nan Gillean* (Abraham, pp. 10–14, where his account of the climb is given).

Arthur Francis Leach

(Dec. 1873, resigned 1884)

Born 16 March 1851, London. Son of Thomas Leach of London, great-nephew of Sir John Leach, M.R.

Married 1881 Emily Archer, d. of Silas Kemball Cook of Brighton (sister of Sir Edward Tyas Cook).

Educated Winchester and New College, Oxford (Scholar); 3rd Class in Classical Moderations, 1871; Stanhope Prize for English Essay (on 'The Protectorate'), 1872; 1st Class in Literae Humaniores, 1873; Fellow of All Souls College, 1874–81.

Barrister (Middle Temple), 1876, practised on the Western Circuit. Author of 'Club Cases' and 'Law of Probate Duty' (1880).

Assistant Charity Commissioner (Endowed Schools Department), 1884. Administrative Examiner to the Board of Education, 1901; Assistant Secretary to the Board of Education, 1903. Charity Commissioner, 1906–15.

Author of 'Visitations and Memorials of Southwell Cathedral' (Camden Society), 1890; chapter on 'Wykeham's Models' in Winchester College, 1393–1893', by Old Wykehamists (1892); English Schools at the Reformation (1896); Histories of Winchester College (1899) and Bradfield College (1900); Memorials of Beverley Minster (Surtees Society), 1898–1903; Early Yorkshire Schools (Yorks. Archaeological Society) (1899 and 1903); Beverley Town Documents (Selden Society, 1900); History of Warwick School (1904); The History of the Schools in many of the Victoria County Histories, 1903–13. Educational Charters and Documents (Cambridge University Press, 1910). Articles on Educational Subjects in the 'Encyclopaedia Britannica', 1910, the 'American Cyclopaedia of Education', &c.

In the history of education during the Middle Ages he did the work of a pioneer and his writings have given a new perspective to English educational history. All future historians of the subject will be in his debt.

Died 28 Sept. 1915. ('Who's Who'; *The Times*, 29 Sept. and 1 Oct.) (C.C.J. i. 2).)

Q. Alpine.
One of the founders of the Climbers' Club (C.C.J. i. 2).
1873. *Monte Rosa* (J. M. Kronig); *Matterhorn*, 22/vii.
1874. See A. O. Prickard.

Herbert Leaf

(Feb. 1874, resigned 1890)

Born 10 Oct. 1854, Norwood. Son of Charles John Leaf, F.L.S., F.S.A., and Isabella Ellen, d. of John Tyas of *The Times*, Brother of W. Leaf.

Married 1887 Rose Mary Laroche, d. of Alexander Shakespeare, Bengal C.S.

Educated Harrow (Cricket XI, 1871–3 ; Captain, 1873 ; Football XI, 1871–2) and Trinity College, Cambridge (Scholar, 1875) ; 1st in the 2nd Class in the Classical Tripos, 1877. Represented Cambridge *v.* Oxford at Tennis (doubles), 1876.

Assistant Master at Marlborough, 1877–1906, and still lives at Marlborough ; J.P. and County Councillor for Wiltshire ; Vice-Chairman of the Wilts. Territorial Association, 1908. Mayor of Marlborough, 1907.

Q. Alpine.
1871, 1872. See W. Leaf.

Walter Leaf

(Dec. 1871, C. 1879–82, V.P. 1902–3, 1905)

Born 26 Nov. 1852, Norwood. Brother of H. Leaf (q.v.).

Married 1894 Charlotte Mary, d. of John Addington Symonds (D.N.B.) of Davos.

Educated Harrow and Trinity College, Cambridge (Minor Scholar, 1869 ; Scholar, 1871). Craven University Scholar, 1873 ; bracketed 1st Chancellor's Medallist and Senior Classic, 1874. Fellow of Trinity College, 1875–82. Litt.D., 1888. Honorary D.Litt., Oxford University, 1904.

Fellow of London University (from 1892) and member of the Senate ; a member of the governing body of Harrow School (from 1892) ; Marlborough College (from 1888) ; and for some years of the Central Foundation Schools of London and the Warehousemen's Clerks' and Drapers' School.

Entered the firm of Leaf Sons & Co., 1877 ; chairman of Leaf & Co., Ltd., 1888–92. One of the founders and first members of Council of the London Chamber of Commerce ; Deputy Chairman of the Council, 1885–6 ; Chairman, 1887 ; V.P. A Director of the London and Westminster Bank ; Chairman of the same (now the Westminster Bank). Deputy Chairman of the Committee of London of Clearing Banks, 1917 ; Chairman, 1918–19. President of the Institute of Bankers, 1919–21.

Member of L.C.C. (E. Marylebone), 1901–4. President of the Hellenic Society, 1914 ; Treasurer of the British School at Athens, 1898, 1905–8 ; formerly member of Council of the Society for Psychical Research. President of the Classical Association, 1921.

Joint author (with J. H. Pratt, q.v.) of 'The Story of Achilles' (1880); (with Andrew Lang and Ernest James Myers) of 'The Iliad of Homer translated into English Prose' (1882); author of 'The Iliad, edited with Introduction and Notes' (1886–8); 'Companion to the Iliad' (1892); 'A Modern Priestess of Isis' (translated from the Russian, 1894); 'Versions from Hafiz: an Essay in Persian Metre' (1898); 'Troy, a Study in Homeric Geography' (1912; reviewed, G.J. xli. 371–3); 'Homer and History' (1915); 'Little Poems from the Greek' (1922); numerous papers in Journal of Philology, Hellenic Studies, Proc. of Soc. for Psychical Research, Classical Review, &c.

F.R.G.S.: wrote 'Notes on the Troad', G.J. xl. 25–45 (made on a five-weeks' visit, April–May 1911). Read a paper before the R.G.S. on 'The Military Geography of the Troad', 1916 (G.J. xlvii. 401–16).

Q. Alpine.

Member of the S.A.C., Geneva section.

1871. *Breithorn* with H. Leaf, 4/ix (xxxii. 100).

1872. With F. Pollock (q.v.) and J. H. Pratt (q.v.) made an attempt on the Aletschhorn from the N. which resulted in a traverse by new routes up and down of the *Dreieckhorn*, 17/viii (vi. 147); made with H. Leaf new routes up and down *Mont Velan*, 3/ix (vi. 92).

1873. *Mont Blanc* by Aiguille du Midi route, 7/ix.

1875. *Matterhorn* traversed from Breuil with J. H. Pratt, 17/viii.

1880. *Piz Tschierva*, new ascent by NW. arête, 13/vii (x. 100).

1890. 1st ascent of *Becca di Ciardonnay inferiore*, 11/vii (C.A.I. Boll., 1899, p. 81); and with G. W. Prothero, 1st ascents of the *Aiguille de Botzeresse*, 14/vii, and the *Pointe des Portons*, 16/vii (xv. 473); and new routes on *Mont Pleureur*, 23/vii, and the *Dent Perroc*, 28/vii. See xv. 298–300, 302.

1891. Read a paper before the Club on 'Climbing with a hand-camera', xv. 472.

With Prothero, 1st ascents of *Mont de la Gouille*, 18/vii, *Le Ritord*, 21/vii, and *Le Moine*, 23/vii; 1st passage and ascent of the *Col des Chamois and Monte Cordina*, 25/vii (xviii. 126), and a new route up *Lo Besso*, 31/vii. See xv. 543–4, 546–7. Note on the name 'Lo Besso', xvi. 54.

1893. With Prothero, *Fluela Schwarzhorn*; accidental varia-

tion on *Piz Vadret*, 6/ix ; 1st ascent of *Piz Laschadurella*, 8/ix ; 2nd ascent by a new route of *Pizzo dell Acqua*, 9/ix ; 1st ascent of *Piz Murtaröl*, 13/ix ; *Munt le Schera* (alone), 15/ix ; and 1st passage of the *Fuorcla Tavrü*, 16/ix ; *Gross Litzner* (xvi. 520–1 ; he read a paper before the Club on these expeditions, 'In the Land of the Bears', xvii. 221).

Letter on the accident to F. M. Balfour and In Memoriam notice of him, xi. 91–3, 101–3.

Samuel Gurney Leatham

(April 1865, resigned 1869)

Born 13 Dec. 1840, Woodthorp, Yorkshire. Elder son of William Henry Leatham of Hemsworth Hall, Yorkshire (D.N.B.), and Priscilla, d. of Samuel Gurney of Ham House, West Ham, Essex (D.N.B.). Cousin of E. N., H. E., S. G., and Sir T. F. Buxton.

Married 1867 Annie Gertrude, d. of John Frederick Le Trobe Bateman, F.R.S., of Moor Park (D.N.B.). Father of F. G. Leatham. Father-in-law of G. Lipscomb.

Educated Trinity College, Cambridge.

Succeeded his father at Hemsworth Hall, 1889. J.P. for West Riding of Yorkshire.

Partner in the banking firm of Leatham, Tew & Co., Wakefield; on the amalgamation of the firm with that of Barclay & Co., 1896, he became one of the local (Wakefield) directors of Barclay & Co., Ltd.

Died 7 Dec. 1919.

Q. Alpine.

1860. *Oberaarjoch* with E. N. Buxton (xxxii. 240) ; *Adler* pass, 24/vii, with E. N. and T. F. Buxton (xxxi. 226, 323).

1862. *Monte Rosa*, 26/vii.

1864. *New Weissthor* ; *Monte Moro* ; *Alphubeljoch* ; *Monte Rosa*.

The Very Rev. William Lefroy

(Dec. 1875, resigned 1878)

Born 3 Nov. 1836, Dublin. Son of Isaac Lefroy.

Was twice married, the second time in 1878 to Mary Anne, d. of Charles McIver of Liverpool and Malta.

Educated at St. Michael-le-pole school, Dublin and—after starting life in the office of the *Irish Times* as a journalist—at Trinity College, Dublin; B.A., 1863; Divinity Testimonium, 1864; D.D., 1889.

H.O., 1864. Curate of Christ Church, Holy Trinity, Cork, 1864-Incumbent of St. Andrew's, Liverpool, 1866–89; Honorary Canon of Liverpool, 1880 (on the creation of the Bishopric of Liverpool); Rural Dean of S. Liverpool, 1884–7; Proctor for the Archdeaconry of Warrington, 1886; Archdeacon of Warrington, 1887–9. A prominent member of the Liverpool School Board from 1876. Donnellan Lecture, Dublin University, 1887–8: published his lectures under the title of 'The Christian Ministry: its Original Constitution, Nature and Work', 1890.

Dean of Norwich, 1889–1909; Vicar of St. Mary in the Marsh, Norwich, 1903–9. Vice-Chairman of King Edward VI's Grammar School, Norwich, Chairman of the Norwich and Ely Diocesan Training College.

Author of numerous religious works, works on Norwich Cathedral and a volume of Lectures on Ecclesiastical History.

Took a prominent part in the establishment of the Clergy Sustentation Fund.

Died at the Riffel Alp, 11 Aug. 1909. (M. and W.; D.N.B.; 'Who's Who'; *The Times*; A life by H. Leeds was published 1909.)

Q. Alpine.

Visited Switzerland annually from 1867 as one of the Summer Chaplains of the Colonial and Continental Church Society. The English churches at Zermatt, Gletsch, the Riffel Alp and Adelboden were built largely through his efforts and on his initiative.

1882. Was Chaplain at Zermatt at the time of W. E. Gabbett's death on the Dent Blanche and wrote a letter to *The Times* on the subject, which is quoted, xi. 99.

James Curtis Leman

(March 1876, d.m. 1897)

Born 12 Dec. 1833. Son of James Leman, President, 1863–4, of the Incorporated Law Society (M.E.B.). Brother of R. E. Leman.

Married 1862 Margaret, d. of General Henry George Hart, the originator of Hart's Army List. (D.N.B.)

Educated Clare College, Cambridge ; B.A., 1858.
Solicitor (1864), London.
Died 27 June 1897.

Q. Alpine. Member of S.D.T., 1882.

1871. See xii. 173. Note on Circular Rainbows seen by him and Mrs. Leman from the *Brevent*. *Strahlhorn*, *Breithorn*, and *Monte Rosa*, with Mrs. Leman.

1877. Made a passage (new) from the *Furgenjoch* along the summits of the *Furgg grat* to the *Theodulhorn*, 24/viii (viii. 340) ; *Matterhorn* with Mrs. Leman, 31/viii ; *Weisshorn* (xxxi. 260) ; *Weissthor* with Mrs. Leman ; *Weissmies*.

1878. *Mont Blanc* with Mrs. Leman, 20/viii ; 2nd ascent (there had been a previous *descent* also) of the *Aiguille de la Za* viâ the *Col des Doves Blanches*, 31/viii (ix. 106, 170 ; cf. xx. 49).

1880. With Mrs. Leman, *Grivola* ; *Col de Lauzon* ; *Col de Valpelline* ; *Rimpfischhorn* ; *Rothhorn* ; *Furgg-joch* (J. M. Kronig).

1881. *Ried* pass ; *Schwarzberg Weisstor* ; *Schwarztor* and *Pollux* ; *Cimes Blanches* and *Theodule* (Fr. Anthamatten).

1882. With Mrs. Leman, *Col de la Lauze*, 16/viii ; *Col du Clot des Cavales*, 17/viii ; *Mont Pelvoux* (1st ascent by a lady), 28/viii. He also ascended the *Pic Central de la Meije*, 23/vii, and during the ascent saw a circular rainbow (xii. 173, 4).

Mrs. Leman made the 1st ascent by an English lady of the *Tête de la Maye*, 18/viii (S.T.D. Ann., 1882, pp. 123–8. (A similar remark could probably be made of her other expeditions in 1882.)

1883. 1st traverse of the *Mellichenhorn* and the rest of the ridge between the Fee pass and the Alphubeljoch, ascending from Saas Fee by the one pass and returning by the other, 28/vii (xix. 414).

Robert Edward Leman

(Feb. 1876, resigned 1901)

Born 22 March 1844. Brother of J. C. Leman (q.v.).
Married 1876 Rosa Blanche, d. of H. Trower (vol. i).
Educated Tonbridge (Football Team, 1861).
Solicitor (1867), London.

Q. Alpine.

Frederick Albert Lewin

(Dec. 1867, d.m. 1887)

Born 2 Jan. 1842, Cuddington, Surrey. Son of Robert Lewin of Cuddington.

Married 1869 Isabella, d. of William Robert Baillie, W.S. of Edinburgh.

Educated Merchant Taylors' School and Caius College, Cambridge (Scholar); bracketed (with C. H. Cay, q.v.) 6th Wrangler, 1864.

Fellow of Caius College, 1864–9.

Barrister (Lincoln's Inn), 1867. Author of a work on 'The Law of Appointment', 1869. Editor of the 6th, 7th, and 8th editions of 'The Law of Trusts' by his uncle Thomas Lewin.

Died 25 June 1887. (*Law Times*, 16 July 1887; M.E.B.)

Q. Alpine.

1866. See H. Preston Thomas.

1867. See J. D. Finney.

William Arnold Lewis

(Feb. 1875, d.m. 1877)

Born 1847. Son of William David Lewis, Q.C.

Married 1876 Fanny Jane, d. of William Chambers of Addlestone, Surrey, niece of Sir Thomas Chambers, Q.C., M.P.

Educated Harrow.

Barrister (Inner Temple), 1869. Practised on the South-eastern Circuit.

An active member of the Entomological Society (elected 1869). F.L.S. Author of 'The Law of Priority in Entomological Nomenclature' (1872).

Died 6 Sept. 1877 (see below).

Q. Alpine.

1874. *Matterhorn*, 2/ix.

1875. *Weisshorn* (xxxii. 102); and *Castor*.

1877. Killed, with N. H. Paterson (q.v.), on the *Lyskamm*, 6/ix (viii. 346).

John Edward Lloyd

(Dec. 1876)

Born 29 March 1848. Son of John Lloyd of Croydon.
Married 1880 Emily, d. of John Duden of Croydon.
Educated private schools in England and Paris.
Foreign Merchant.

Q. Alpine.
1877. *Col Durand*; *Schwarztor*; *Lysjoch* and *Lyskamm*; *Strahlhorn*; *Allalin* pass; *Cols d'Hérens* and *de Bertol*; *Pas de Chevres* and *Col du Mont Rouge*; *Col de Sonadon*; *Grand Combin*; *Glacier du Tour* (F. Biener).

General Sir Henry Errington Longden

(March 1872, d.m. 1890)

Born 14 Jan. 1819. Son of Thomas Hayter Longden.
Educated Eton and Sandhurst.
Joined the 10th Regiment of Foot as Ensign, 1836. Lieutenant, 1840; Captain, 1843. Served in the Sutlej Campaign, 1845–6, and was present at the battle of Sobraon, 16 Feb. 1846 (medal). Served in the Punjab Campaign, 1848–9, and was present during the whole of the siege operations before Mooltan, including the affair of 9 Sept. 1848; the storming of the enemy's strongly entrenched position before Mooltan, 12 Sept. (in the course of this action he was buried underneath a portion of the fortifications, and after lying there for several hours was dug out unhurt); action of Soorj Koond, carrying the heights, 27 Dec., in command of the regiment and receiving the surrender of the fortress as Field Engineer; afterwards present at the surrender of the fort and garrison of Cheniote, and after a march of sixty miles the day before the battle of Gujerat, took a distinguished part in that final victory of the war, 21 Feb. 1849. (Mentioned in dispatches; medal with 2 clasps; brevet of Major.)
Immediately afterwards he was employed for three years (1849–52) in making a survey of the forests of the Himalaya, a special duty for which he was selected by Lord Dalhousie, the result being a report which altered materially the whole administration of this department ('Proc. R.G.S.', xii. 392). Major,

1850. When affairs were going badly in the Crimea he was one of the officers strongly pointed out by *The Times* as competent for high command, but he was left in India, and engaged with the Lawrences and Lord Napier in the early settlement of the Punjab. Brevet Lieut.-Colonel, 1856. Was home on leave when the Indian Mutiny broke out and rejoined his regiment at Dinapore just after the outbreak there and the havoc made in the regiment in the attempt to follow the mutineers. In Sept. 1857, before Sir Colin Campbell advanced from Allahabad, he dispatched Longden from Benares with a small Field Force to assist the Nepal troops in driving the mutineers from the Azimghur and Jaunpore districts; he found and utterly dispersed them, capturing the fortress of Atrowlea, 4 Nov. 1857. In the advance on Lucknow he commanded an advanced guard of picked marksmen covering Brigadier T. H. Frank's force (actions of Chanda, Umeerpore, and Sultanpore, and attack on the fort of Duraha). During the siege and capture of Lucknow he was attached to the Gurkha troops and was present at the storming of the Begum's House and Serai, the storming of the Emaumbara and Kaiserbagh, and the attacks on the Moolvie in Abbassoodowlah's Kumbullah (mentioned in dispatches). With Lord Mark Kerr with a wing of the 13th Light Infantry at the first relief of Azimghur, 6/iv/1858. Appointed Chief of the Staff of Brigadier Edward Lugard's force, present at the passage of the Touse, the second relief of Azimghur, the capture of Jugdespore and several skirmishes in the neighbouring jungles. (Indian medal with 2 clasps; brevet of Colonel; C.B. for distinguished conduct under fire.) Colonel, 1859.

After a period of retirement on half-pay, was Adjutant-General of India, 1856–9; C.S.I., 1869; Major-General, 1872; Lieut.-General, 1877.

Retired with the honorary rank of General, 1880; but in 1883 received the Colonelcy of the 2nd Battalion of the Hampshire regiment (late 67th Foot), and in 1888 that of his old regiment, the Lincolnshires (late 10th Foot). K.C.B., 1886.

F.R.G.S., 1876.

Died 29 Jan. 1890. (D.N.B.)

Q. 'Numerous high passes in the Himalayas' (see above 1849–52).

Sir Charles James Lyall, K.C.S.I.

(March 1867, resigned the same year on leaving England for India)

Born 9 March 1845. Son of Charles Lyall of London and Stoke Green House, Bucks.

Married 1870 Florence Lyall, d. of Henry Fraser of Calcutta.

Educated King's College School and King's College, London; Balliol College, Oxford; 1st Class in Classical Moderations, 1865.

Entered the Bengal Civil Service, and went to India, Dec. 1867; Assistant Magistrate in the Meerut Bulandshahr and Allahabad districts, 1868–71; but was soon taken from district work and made Under-Secretary to the Government of the North-West Provinces, 1871–2; Assistant Under-Secretary to the Government of India (Foreign Department), 1872; Under-Secretary (Revenue Agriculture and Commerce Dept.), 1873–80; Secretary to the Chief Commissioner of Assam, 1880–3; Judge and Commissioner of Assam Valley districts, 1883–4; Secretary to the Government of India (Revenue and Agricultural Dept.), 1886. Again Secretary to Chief Commissioner of Assam, 1887, and again Judge and Commissioner of Assam Valley districts, 1888–9. Secretary to Government of India (Home Dept.), 1889–94; Chief Commissioner of Assam, 1894. Chief Commissioner of Central Provinces, 1895–8, during which time he had to deal with the great famine of 1897. C.I.E., 1880; C.S.I., 1893; K.C.S.I., 1897.

Retired, 1898, and was appointed Secretary to the Judicial and Public Dept. of the India Office; held this post till 1910.

Author of Translations of Ancient Arabic poetry, chiefly pre-Islamic, with notes, &c. (1885). Edited 'Ten Ancient Arabic Poems' (1894); 'Two Ancient Arabic Diwans', with Translation (1913). Edited, and supplemented the papers of Edward Stack on 'The Mikirs' (1908). A contributor to 10th Ed. of Encycl. Britannica.

A zealous supporter and a V.P. of the Royal Asiatic Society. Suffered severely from deafness in the last years of his life.

Fellow of King's College, London; Hon LL.D., Edinburgh; Hon. Ph.D., Strasburg; Hon. D.Litt., Oxford, 1914; Fellow of the British Academy.

Died 1 Sept. 1920. ('Who's Who'; *The Times*, &c.)

Q. Alps, 1864 and 66.

1866. See H. J. S. Cotton.

Rev. John Stevenson Lyle

(30 Jan. 1872, resigned 1875)

Born 1849 or 50. Son of Samuel Lyle of The Oaks, Londonderry.

Married 1881 Katherine Emily, d. of Hon. and Rev. Henry Rice, Rector of Great Rissington.

Educated Trinity College, Dublin ; B.A., 1871.

H.O., 1872. Curate of Holy Trinity, Milton-next-Gravesend, 1872–3 ; at Taynton, Oxfordshire, and Great Barrington, Gloucestershire, 1874–6 ; Burford, Oxfordshire, 1876.

Missionary and Incumbent of St. Thomas at Matara, Ceylon, 1876–85. Chaplain to the Bishop of Colombo. Soon afterwards joined the Roman Catholic Church, and became Minister of the Catholic Church, Peebles, and Canon of Edinburgh.

Died 13 March 1919, at Dunninald, Montrose, in his 70th year.

Q. Alpine.

1870. *Monte Rosa* with W. S. Green and Rev. H. Swanzy, 8/viii.

1871. *Matterhorn* from Breil, 8/viii (R.M. i. 47).

1872. *New Weisstor* ; *Dom* (xxx. 176).

Andrew MacCallum

(Dec. 1865, resigned 1899)

Born 1821, Nottingham. Son of an employee of Messrs. William Gibson and Sons, hosiery manufacturers, Nottingham (of Highland descent).

Married, 1st, Miss Tetlow of Altrincham ; 2nd, 1879, Laura, d. of Humphrey Salvey of Ludlow.

Was apprenticed to his father's business, but on attaining twenty-one years left his home, maintained himself by teaching, and became a student in the newly founded Government School of Art at Nottingham. About 1849 went to London, and studied at the Government School of Design at Somerset House.

Assistant teacher under James Astbury Hammersley at the Manchester School of Design, 1850–2. Headmaster of the School of Art at Stourbridge, 1852–4. Was awarded a travelling Studentship by the Science and Art Department and sent to Italy where he travelled, 1854–7, visiting Milan, Florence, Venice,

Naples, &c., and selecting examples of all kinds of mural art for the South Kensington Museum. Some of the Studies he brought home were used in the architectural ornament of the Museum buildings. (A report, in MS., of his tour, with drawings, is in the library of the Victoria and Albert Museum.)

In 1858 he settled in London and devoted himself to landscape painting. The majority of his pictures were forest subjects painted in Sherwood and Windsor forests and at Burnham Beeches. He also worked in France, in Switzerland, 1863, 64, on the Rhine, and in Italy, and between 1870 and 75 paid several visits to Egypt. About 1875 he was commissioned by Queen Victoria to paint five views near Balmoral.

First exhibited in London in 1849 at the British Institution, and at the Royal Academy in 1850; between 1849 and 89 exhibited seventy-two pictures at the principal London Galleries, of which fifty-three were at the Royal Academy.

Specimens of his work are to be found at the Tate Gallery, the Victoria and Albert Museum, and the City of Nottingham Art Gallery.

Died 22 Jan. 1902. (*The Times*; D.N.B.; 'Tate Gallery Catalogue', &c.)

Q. 'Painter from nature of numerous Alpine and Glacier scenes exhibited during the years 1863, 64, and 65 at the Royal Academy, Royal Society, and Astronomical Society.'

Exhibits by him are mentioned at the Winter Exhibitions in 1880, 83, 85, and 86. Some Alpine drawings by him hang on the walls of the Club Rooms.

1863. *Monte Rosa*, 24/viii (F. Biener).

Sir Francis William Maclean

(Feb. 1866, resigned 1869)

Born 13 Dec. 1844, London. Son of Alexander Maclean of Carshalton.

Married 1869 Mattie, d. of John Sowerby of Benwell Tower, Northumberland.

Educated Westminster and Trinity College, Cambridge; 2nd Class in the Classical Tripos, 1866.

Barrister (Inner Temple), 1868. Had an extensive London practice, particularly in theatrical cases; was on intimate terms

with Henry Irving, J. L. Toole, and other leading members of the profession. Q.C., 1886; Bencher, 1892.

M.P. for Mid-Oxfordshire (Liberal) 1885–6, (Liberal Unionist) 1886–91. Master in Lunacy, 1891.

Chief Justice of Bengal, 1896–1909. Chairman of Indian Famine Relief Committees, 1897 and 1900. Kaiser-i-Hind Gold Medal, 1900. Vice-Chancellor of Calcutta University, 1898. Knighted, 1896; K.C.I.E., 1898.

Died 11 Nov. 1913. ('Who's Who'; *The Times*.)

Q. Alpine.

1864. *Monte Rosa*.

1865. With Lord Melgund (Minto), *Cols d'Argentière*, 23/vi; *de Sonadon*, 25/vi; *de Chermontane*, 26/vi; a proposed attempt on the Dent Blanche broke down owing to the Bricolla Chalets having been burnt; *Col d'Hérens*, 28/vi; *Breithorn* (without Melgund who went up *Monte Rosa*), 1/vii; *Mönchjoch*, 5/vii; *Wetterhorn*, 8/vii (he described the tour in a pamphlet 'Three weeks amongst the upper regions of the Alps with a few comments on Mountaineering and the Matterhorn Catastrophe').

John Macpherson

(April 1865, resigned 1897)

Born 14 Jan. 1841. Son of Rev. Robert Macpherson of Inverness.

Married 1874 Emily Christian Malcolm, d. of W. Campbell Maclean, C.B., Surgeon-General in the Army and Professor of Military Medicine at the Army Medical School, Netley.

Educated Rugby and St. John's College, Oxford (Scholar); 2nd Class in Classical Moderations, 1861; B.A., 1863.

Barrister (Inner Temple), 1865. Practised at the Bombay Bar, 1868–1900.

Died 26 July 1910.

Q. Alpine.

1863. *Monte Rosa*, 16/vii and *New Weisstor* with H. A. Strong (xxx. 762, O.V.B.).

1864. *Mont Blanc*, 27/vii; *Lyskamm*, 1/viii (xxxii. 210) with Strong; attempt on *Dent Blanche* with J. J. Hornby (q.v.) and T. H. Philpott, 5/viii (xxxii. 209).

Henry Noel de Merindol Malan

(March 1872, d.m. 1917)

Born 4 July 1850. Son of H. V. de M. Malan (q.v.).

Married 1876 Mary Louisa, d. of Rev. Henry Frederick Brock, Vicar of Christ Church, Doncaster and Canon of York.

Civil Service ; Clerk in the Board of Trade, 1868–76. Director in the Egyptian Ministry of Commerce, 1876–9. Inspector of Fisheries, Board of Trade, 1886–1902. Registrar-General of Shipping and Seamen, 1902–13.

Died 10 Sept. 1917.

Q. Alpine.

1873. 1st passage of the *Weissmies-Sattel* and 1st ascent from Simplon of the *Weissmies*, with J. O. Maund and J. H. A. Peebles-Chaplin, 20/viii (vi. 297 ; Letter from him, *Echo*, 1876, p. 352).

1874. *Matterhorn*, 31/viii.

1878. At S.A.C. Fete at Interlaken. (S.A.C.J. xiv. 587; C.A.I. Boll. xiii. 262.)

Henry Victor de Merindol Malan

(3 March 1874, d.m. 1879)

Born 1817. Son of Rev. Cesar Malan, D.D., of Geneva.

Married 1843 Fanny Louisa, d. of the Hon. Frederic Noel, Captain R.N. Father of H. N. de M. Malan (q.v.).

Educated Tübingen University ; M.A. and M.D., 1839 ; and Aberdeen University, M.A., 1845.

Author of a 'Vade Mecum of the Homeopathic Practitioner' (1847) ; 'Pocket Book of Homeopathy (1850 ; 4th edition, 1856).

Died 23 Jan. 1879.

Q. 'Glacier expeditions in 1830, 31, and 33 : *Buet, Jardin, Glacier du Géant,* Tour of Aiguilles de Blaitière and du Midi.'

Colonel George Bruce Malleson

(30 Jan. 1872, resigned 1896)

Born 8 May 1825. Son of John Malleson of Wimbledon and Lucy Nesbitt, whose father was Colonial Secretary in the Bahamas.

Married 1856 Maryon Charlotte, d. of George Wynyard Battye-Cumming, B.C.S.

Educated Winchester where he was a keen cricketer.

Ensign in the 65th Regiment of Native Infantry, 1842. Lieutenant in the 33rd Regiment, 1847. Captain, 1857. Was appointed to the Commissariat Department, 1852, and served in the second Burmese War in that year. Appointed Assistant Military Auditor-General, 1856, and was engaged in accounts in Calcutta during the Mutiny; he remained in the Indian Military Defence Department till 1863. In 1857 he published 'The Mutiny of the Bengal Army', which was known at the time as 'The Red Pamphlet'.

Major in the Bengal Staff Corps, 1862; Lieut.-Colonel, 1868; Colonel, 1873; he was a frequent contributor to the 'Calcutta Review' from 1857, and a correspondent of *The Times*.

Was Sanitary Commissioner of Bengal, 1865–9, and Controller-General of Military Finances, 1868. In 1869 he was appointed Guardian of the Maharajah of Mysore, and held that post till 1877 when he retired and devoted himself to literature. C.S.I., 1872. He was received into the Roman Catholic Church in 1891.

Author of 'The History of the French in India, 1674–1761' (1868 and 93); 'Recreations of an Indian Official' (Biographical articles on Anglo-Indians) (1872); 'Studies from Genoese History' (1875); 'A Historical Sketch of Native States' (1875); 'Essays and Lectures on Indian Historical Subjects' (1876); 'Final French Struggles in India and the Indian Seas' (1878 and 84); 'History of the Indian Mutiny, 1857–8' in continuation of Kay's 'Sepoy War' (3 vols, 1878, 80, and 90); 'History of Afghanistan' (1878); 'Herat, the Granary and Garden of Central Asia' (1880); 'Founders of the Indian Empire, Clive' (1882; intended articles on Warren Hastings and Wellesley were never published); 'The Decisive Battles of India' (1883 and 85); 'The Battlefields of Germany' (1884); 'Loudon' and 'Prince Eugene' (1884 and 88, in a series of Military Biographies); The Russo-Afghan Question and Invasion of India' (1885); 'Ambushes and Surprises' (1885); 'Prince Metternich' (1888 and 95) and 'Wellesley' (1889) in the 'Statesmen' Series; 'Akbar' and 'Dupleix' (1890) in the 'Rulers of India' Series; 'The Refounding of the German Empire' (1893); 'Warren Hastings' (1894).

Died 1 March 1898. (D.N.B., &c.)

Q. 'Excursions in the Austrian Alps and Himalayas.'

He visited the Bavarian and Austrian Alps in 1858 and again in 1863; this was a long visit, extended to Switzerland and included an ascent of the *Titlis*; he wrote an account of it in the 'Calcutta Review', which was republished under the title of 'Captain Musafir's Rambles in Alpine Lands' (1884, reviewed O.A.Z. vi. 119–21; see xii. 62). He returned to the Bavarian Alps in 1865 and 71, and after leaving India (1877) visited them almost every year for many years. In 1897 he published 'The Lakes and Rivers of Austria, Bavaria and Hungary', including a chapter on 'The Tatra Mountains and their trout streams'; the book is addressed to pedestrian travellers, especially anglers.

William Marcet

(Dec. 1871, d.m. 1900)

Born 13 May 1828, Geneva. Son of Professor Francis Marcet, F.R.S., of Geneva. Grandson of Alexander John Gaspard Marcet (D.N.B.) and Jane Haldimand (D.N.B.). Brother-in-law of H. Pasteur (q.v.).

Married Constance Louise Rigaud.

Educated with M. Toepffer at Geneva (figures as 'Alfred' in the 'Voyages en Zigzag', see *Echo*, 1882, p. 32); at the Academy of Geneva, and Edinburgh University; M.D., Edinburgh, 1850. Completed his chemical studies under Verdier in Paris.

After serving as assistant physician to the Brompton Hospital for Consumption, he set up as a consultant physician in London, and for many years was assistant physician to the Westminster Hospital. F.R.C.P., London, 1859. (Examiner in Chemistry to the College, 1867, and, later, served on the Council.) President of the Medical Society of Edinburgh, *c.* 1899.

He did much original work in chemistry, but this was carried on in connexion with his medical and physiological researches. A series of investigations, chiefly chemical, relating to digestion, were undertaken very early in his professional life and carried on for about two years. Together with a book on the cognate subject of 'Food, its Composition and Adulteration' (1856), they procured his election as F.R.S. at an unusually early age (1857 or 59). Published a work on 'Chronic Alcoholism', 1860. Took a very active part in the labours of a Committee of the Medico-Chirurgical Society which investigated the operation of different

kinds of anaesthetics. In 1865 prepared an important Report for the Royal Commission for the Investigation of the Cattle Plague, on the chemical pathology of the disease.

Was one of the first workers in laryngology; published 'Chemical Notes on the Diseases of the Larynx', 1869.

Outside his purely professional work he was keenly interested in many branches of Science, including Geology and Botany, and, more particularly, Climate and Meteorology; President of the Meteorological Society, 1888–90.

He resided and practised for three seasons at Nice and for six seasons at Cannes; wrote an article on 'The Meteorology of Cannes', *Quart. Journ. Meteorol. Soc.*, 1877, and published 'The Principal Southern and Swiss Health Resorts' (1883).

During the latter part of his life he devoted himself almost entirely to scientific work, the direction of which was largely determined by his love of mountains (see below). His latest researches, on human calorimetry, were carried on in 1898 and 99.

F.C.S.; F.R.G.S., 1884.

He was a daring and skilful yachtsman, and a keen competitor in the regattas on the Lake of Geneva, where he spent much of his time, first at Yvoire and later on a property near Versoix which he inherited from his father. An ardent sportsman and traveller; visited America, 1863, and hunted in Michigan; and again, 1873, when he hunted buffalo in Nebraska, visited Salt Lake City, and extended his tour to Vancouver and Victoria. Travelled in Algeria and Morocco, 1880, in India, 1898–9; was on his way to Khartoum when illness overtook him and he died at Luxor, 4 March 1900. (M. and W., &c.; In Memoriam, xx. 130, by Sir A. Wills.)

Q. Alpine.

Member of S.A.C., section Geneva (1870). A chamois hunter.

1862. Came for two days to Sir A. Wills's Eagle's Nest, to give what help he could to the dying Auguste Balmat.

1869. Made an ascent of *Mont Blanc* with Dr. Louis Lortet of Lyons, 16/viii, during which he took observations of his temperature. He communicated his results to the Natural History Society of Geneva (*Echo*, 1871, p. 113; 1876, p. 132; Durier's 'Mont Blanc' (1923 ed.), p. 198; Stephen d'Arves, ch. xxviii).

1870. 'High Level Route' from Chamonix to Zermatt (*Col du Chardonnet* and *Fenêtre de Saleinaz*; *Col de Sonadon*; *Col d'Oren*; *Col de Valpelline*).

1872. *Ruinette* by a variation of E. Whymper's route, 16/viii (Pennine C.G., p. 42); bivouacked by the Otemma glacier, 17/viii; reached Zermatt by the *Cols de l'Evêque, du Mont Brulé*, and *de Valpelline*, 18/viii. He wrote a paper, 'Un Bivouac sur les Rochers du Glacier d'Otemma', *Echo*, 1873, p. 5, describing these three days, and briefly mentioning his 1870 route. It is translated A.P. iv. 334.

1876. He commenced a series of experiments and observations on the influence of altitude on respiration; spent eight days on the *Theodule* pass and made three ascents of the *Breithorn*.

1877. Was working at the Great St. Bernard Hospice, and again on the *Theodule* and the *Breithorn*.

1878. Visited Teneriffe, spent three weeks on the *Peak* at Stations at 7,090 ft. (11 days) and 10,700 ft. (10 days), making experiments there and on the summit itself (12,200 ft.), besides meteorological observations published in the *Quart. Journ. Meteorol. Soc.* for Oct. 1879.

1880. Spent three days on the *Col du Géant*, and in 1883 carried out further experiments on the *Rigi* and elsewhere.

Wrote a paper on the influence of altitude on the human frame and its functions, 1881, which appeared in the 'Archives des Sciences Physiques et Naturelles', Geneva, vol. vi, No. 7 (noticed x. 416). Wrote a paper, 'Le Mal de Montagne' in the *Echo des Alpes*, 1883, p. 151; and read one in 1886 before the Club on 'Climbing and Breathing at High Altitudes' (xiii. 1), in which his researches are described. His interest in the subject continued during most of the rest of his life, led to several important contributions to the Philosoph. Trans. of the Royal Society, and inspired his Croonian Lectures, which were delivered to the Roy. Coll. of Physicians, 1895, and published 1897 with the title 'A Contribution to the History of Respiration in Man'.

1887. Read a paper before the Club 'On the Use of Alcoholic Stimulants in Mountaineering' (xiii. 319).

1890. Read a paper before the Geneva section of the S.A.C., 'Des Accidents dans la Montagne et des moyens de les prevenir', *Echo*, 1890, p. 322, in which he describes some personal experiences, including a narrow escape while buffalo-hunting in Nebraska.

George Eden Marindin

(Feb. 1868)

Born 26 October 1841. Son of Rev. Samuel Marindin of Chesterton, Bridgnorth, and Isabella, d. of Andrew Wedderburn Colville of Ochiltree and Crombie.

Married 1870 Letitia Frances, d. of George Richard Griffiths.

Educated Eton and King's College, Cambridge (Scholar). 4th Classic, 1864. Fellow of King's College, 1864. College Lecturer, 1864–5.

Assistant Master at Eton, 1865–87. Examiner in Greek to London University, 1888–93 and 1895–1900. Editor of the 'Classical Review', 1894–9, in which he wrote an article, in 1899, on Hannibal's Route over the Alps.

F.R.G.S., 1893.

Joint editor of 3rd ed. of Sir William Smith's 'Dictionary of Greek and Roman Antiquities' (1890–1). Editor of Sir W. Smith's 'History of Greece', new edition largely rewritten by him (1900); and of 'Our Naval Heroes' (1901) and Lord Blachford's Letters, 1860–71 (1896).

Q. Alpine.

1867. *Alphubeljoch*, 15/viii; *Monte Rosa*, 19/viii (O.V.B.).

1868. *Piz Palu* with C. G. Heathcote (J. Anderegg).

1869. *Mont Blanc*, 16/vii (one of the 'jeunes anglais' mentioned in Durier's 'Mont Blanc', 1923 ed., p. 198).

Wrote an In Memoriam notice of C. G. Heathcote, xxviii. 49.

James Marshall

(Feb. 1871, d.m. 1881)

Born 6 or 17 July 1850, Edinburgh. Son of Walter Marshall, goldsmith, of Abercrombie Place, Edinburgh.

Married 1875 Margaret, d. of Rev. John Champion or Campion of Edale, Derbyshire.

Educated Edinburgh Academy (1860–4), Uppingham (Football XV, 1867–8), and Trinity College, Cambridge. LL.B., 1873.

Advocate, Edinburgh (1875).

Died 21 or 24 Sept. 1881.

Q. Alpine.

1870. See J. Stogdon.

Tinley Mason

(Dec. 1868, d.m. 1872)

Born 1843 or 44. Son of Robert Mason.

Cotton broker, Liverpool.

Died at Aigburth, Liverpool, aged 28, 12 April 1872.

Q. Alpine.

1868. *Mont Blanc*, 10/viii.

1869. Iceland : made the 1st ascent (at any rate the 1st from the S.) of the *Snaefell Jokull*. (He wrote a paper on the expedition, v. 38.)

Rev. John Henry Dudley Matthews

(Feb. 1868, resigned 1872)

Born 21 Oct. 1843. Son of Charles Matthews of Bradninch, Devon.

Married 1871 Edith Annie, d. of Henry Selfe Selfe, metropolitan police magistrate.

Educated Rugby and University College, Oxford ; 1st Class in Classical Moderations, 1864 ; 3rd Class in Literae Humaniores, 1866.

H.O., 1868. Assistant Master at Wellington, 1868–84. Head Master of Leeds Grammar School, 1884–1901. Rector of Purley, Reading, 1901–14.

Secretary of the South-Eastern Poor Law Conference.

Drowned 20 Dec. 1914, in the flooded Thames near Purley. (*The Times*, 22 Dec. 3 c.)

Q. Alpine.

1867. With Rev. A. G. Girdlestone : *Gemmi* pass, with a visit to the Lämmern glacier, 16/vii ; *Tschingel* pass, 17/vii ; attempt (after a reconnaissance, 21/vii) on the *Wetterhorn*, 22/vii ; *Oberaarjoch* (J. Jackson also took part in this expedition), 31/vii ; *Weitsattel*, 6/viii ; accidentally ascended the *Renferhorn* and proceeded viâ the *W. Wetterlimmi* and *Wellhornsattel* up the *Wetterhorn* (1st guideless ascent), 7/viii. These expeditions except those of 31/vii and 6/viii, were made without guides. (Girdlestone, 72–89, 92–108), *Monte Rosa* with A. Traill (q. v.).)

1868. *Birchfluh* pass (Ulr. Almer, p. 125).

John Oakley Maund

(April 1873, C. 1883–6, d.m. 1902)

Born 1846. Son of Herbert Maund of Ludgershall, Wilts.

Married 1867 Mary Emily, d. of Henry Bingham Baring, niece of W. F. Baring (vol. i).

Civil Service: Exchequer and Audit Department. R.M.A. Later, on the Stock Exchange: had large interests in South Africa.

Died 10 June 1902 at Pisa. (In Memoriam by C. T. Dent, xx. 189. A remarkable character sketch and some account of his last months is given by Norman Douglas in 'Alone', pp. 75–84.)

Q. Alpine.

1873. See H. N. Malan.

1874. 1st *ascent* of the *Col Jean Martin* (*Col de la Muzelle*) and attempt on the *Roche* (*Pic*) *de la Muzelle*, 27/vii (vii. 151; C.A.F. Ann., 1874, p. 410); spent 56 hours in crossing the *Brèche de la Meije*, being weather bound for two nights and a day on the descent to La Grave, 29–31/vii; 3rd ascent of the *Pic Central de la Meije*, and went a short distance along the arête leading to the Pic Occidentale, 3/viii; a further attempt on it next day was cut short by bad weather (viii. 196, xii. 392); attempt on *Aiguille des Charmoz* (x. 99); spent another night out on the Saleinaz glacier; and yet another in the course of an ascent of the *Breithorn* from the N. He read a paper before the Club on these expeditions and incidents, 'Mountain Misadventures', vii. 409.

1875. Made a sporting tour in Sardinia, shooting boar, moufflon, &c., on which he read a paper before the Club, 'A Winter Trip to Sardinia', viii. 121.

1876. With H. Cordier (q.v.) and T. Middlemore (q.v.) 1st (and only) ascent of the *Aiguille Verte* from the glacier d'Argentière, 31/vii; and 1st ascents of *Les Courtes*, 4/viii, and *Les Droites*, 7/viii (viii. 105). He read a paper before the Club on these expeditions, 'The Aiguille Verte from the Argentière Glacier', viii. 289. See C.A.F. Bull., 1874–6, p. 2, and C.A.F. Ann., 1876, p. 151 (Cordier).

1878. With C. T. Dent (q.v.), *Bietschhorn* new route by the SE. arête and face, 24/vii (ix. iii, xxiv. 87; he read a paper before the Club on this expedition x. 20); and three attempts on the *Aiguille du Dru* (ix. 187–9).

1879. Attempt on the *Aiguille du Midi* by the N. face, with C. T. Dent (q. v.); gained the ENE. arête, but owing to bad weather did not complete the ascent (x. 443, xi. 215). Made an attempt on the E. arête of the *Eiger* with H. S. Hoare (xi. 28).

1881. With J. Baumann, attempt on the *Gross Lauteraarhorn* from the W., 28/vii; a 2nd attempt on the E. arête of the *Eiger*, 31/vii; and the 1st ascent of the *Gross Lauteraarhorn* by the route previously tried, 4/viii. (He read a paper before the Club on these expeditions, xi. 27. See xiii. 553–4.)

He and Baumann were caught by an avalanche in a winter expedition to the *Axenalphorn*, 24/xii; an attempt on the Galenstock had been stopped by bad weather a few days before, N.A.P. xv. 7.

Wrote an 'In Memoriam' notice of Andreas Maurer, xi. 107, and the biographical sketch of him in 'Pioneers of the Alps'; and contributed the chapter on 'Mountaineering' to 'The House on Sport' by members of the Stock Exchange (1898). Was an ardent chamois hunter, and for some years rented a shooting in Tyrol.

Henry Tuke Mennell

(Dec. 1866, d.m. 1923)

Born 10 June 1835, Scarborough. Son of George Mennell of Scarborough and Hannah, d. of Samuel Tuke of York (see D.N.B.).

Married 1868 Maria Bradley, d. of Edward Newman, Ph.D., F.L.S., of Peckham.

Educated Bootham School, York.

Tea merchant, London. Deputy Chairman of the Friends' Provident Institution. F.L.S.

Died 9 Dec. 1923. (*The Times*; In Memoriam, xxxvi. 148–50.)

Q. Alpine.

Original member of the Climbers' Club.

1861. 1st season in the Alps: *Sefinen Furgge* and *Hohthurli* pass (*Dundengrat*) (Ulrich Lauener, 73); *Jung* pass, 13/ix; *Cima di Jazzi*; *Theodule*, all with R. Sp. Watson (xxv. 648, xxxi. 138–9, 222).

1865. *Mont Pourri* traversed, 3rd ascent (*Echo*, 1876, p. 143; 'Western Alps', 125; C.A.F. Bull., 1876, p. 169). *Mont Blanc* with R. Spence Watson, 27/vii (xxxi. 138).

1866. With Sp. Watson to Pontresina by *Canciano* and *Sella* passes, 2/viii (O.V.B.); *Monte Rosa*, 8/ix (O.V.B. and xxxi. 138).

1867. With Spence Watson, *Königsspitze*; *Ortlerspitze*, 29/vii (E. ii. 80; see Sp. Watson, vol. i); 1st ascent from the Tuckettjoch of the *Tuckettspitze*, and traverse of *Naglerspitze* from Trafoi to St. Maria, 31/vii (iv. 50; E. ii. 144).

1870. Note on a passage of the *Fluh* pass (*Gitzifurgge*), v. 144.

Paul Sanford Methuen, Lord Methuen

(Jan. 1870, C. 1876–7; resigned 1885; re-elected 1906; resigned 1909)

Born 1 Sept. 1845. Eldest son of 2nd Baron Methuen and Anna Horatia Caroline, d. of Rev. John Sanford of Nynehead. Succeeded his father as 3rd Baron, 1891.

Married 1st, 1878, Evelyn, d. of Sir Frederick Bathurst, Bart.; 2nd, 1884, Mary Ethel, d. of William Ayshford Sanford of Nynehead Court.

Educated Eton.

Cornet in the Wilts. Yeomanry Cavalry, 1862; Ensign in the Scots Guards, 1864; Captain and Adjutant, 1867; Colonel, 1881.

Appointed Brigade Major of the Home District, 1871. Sent on Special Service to the Gold Coast, 1873, and in 1874 served in the 2nd phase of the Ashanti War, and was present at the battle of Amoaful (medal with clasp).

Assistant Military Secretary to the Commander-in-Chief in Ireland, 1877. Military Attaché at Berlin, 1877–81, and Assistant Adjutant-General to the Home District, 1881–4. Served in the Egyptian War, 1882, as Assistant Adjutant and Quartermaster-General, present at the engagements of Tel-el-Mahuta and Kassassin (9 Sept.), and at the battle of Tel-el-Kebir (mentioned in dispatches, C.B., medal with clasp, 3rd Class of the Osmanieh, and Khedive's Star). Commanded Methuen's Horse in Bechuanaland, 1884–5 (mentioned in dispatches, C.M.G.); Adjutant-General in South Africa, 1888; Major-General, 1890; in command of Home District, 1892–7; commanded 1st Division of 1st Army Corps in the South African War, 1899–1902 (mentioned in dispatches); Commander-in-Chief, Eastern Command, 1903–8; General Officer Commanding-in-Chief, South Africa, 1907–9; Governor of Natal, 1909; Governor and Commander-in-Chief, Malta, 1915–19;

Governor and Constable of the Tower, from 1920; K.C.V.O., 1897; K.C.B., 1900; G.C.B., 1902; G.C.V.O., 1910; G.C.M.G., 1919.

Q. Alpine.

1869. *Wetterhorn*, 2/ix; *Schreckhorn*, 4/ix; *Eiger*, 6/ix (Almer, 153).

1875. With W. E. Montgomery, *Barre des Ecrins*, 6th ascent, 15/viii (S.T.D. Ann., 1875, p. 80; C.A.F. Ann., 1882, pp. 38, 67); *Mont Pelvoux*; *Pic de la Grave*, making probably the 1st passage of the *Col de la Girose* (xii. 114; S.T.D. Ann., 1875, 1876, pp. 83–200). Also crossed the *Col de la Temple* and the *Brèche de la Meije* (S.T.D. Ann., 1875, pp. 79, 83), and made an attempt on the *Meije* by the Rocher de l'Aigle (S.T.D. Ann., 1900, p. 230); *Mont Blanc*; *Aiguille Verte*; *Rothhorn*; *Gabelhorn*; *Domjoch*, 2nd passage ('Pioneers', 107); *Dent Blanche* (see xxxiv. 78); *Matterhorn*, 9/ix.

Samuel George Chetwynd Middlemore

(Dec. 1871, resigned 1880)

Born 16 Nov. 1848. Son of William Middlemore of Hawksley, Worcestershire, J.P., and Mary, d. of Thomas Groom of Edgbaston. Brother of T. Middlemore. Uncle of A. M. Bartleet.

Married 1881 Maria Trinita Howard, d. of Henry Parkman Sturgess, authoress of 'Round a Posada Fire' (1883) and 'Spanish Legendary Tales'.

Educated Dr. Badham's School, Edgbaston; abroad at Heidelberg, Zurich, Dresden, 1863–5; kept three terms at Merton College, Oxford, 1866–7, then left through ill health. Was two years at Christ's College, Cambridge (Easter 1871 to Easter 1873; elected to a Widdrington Scholarship, 1872); his name was removed from the college books Oct. 1873, as he was supposed to be hopelessly ill, but he recovered.

Was for several years on the staff of the *Saturday Review* and wrote most of the articles on foreign policy. Left London in 1886 and lived at Malvern.

Published a translation of Jacob Burckhardt's 'Cultur der Renaissance in Italien' (2 vols., 1878; 4th ed., 1898), and in 1886 a series of lectures which he had delivered on the 'Great Age of Italian Painting'.

Wintered in Rome 1889–90.

Died there of malarial fever 27 Jan. 1890. Was received into the Church of Rome on his death-bed (Christ's College Register).

Q. Alpine.

1868. *New Weissthor*, 29/vi.

1869. *Monte Rosa*, 4/viii (O.V.B.).

1870. *Finsteraarhorn*, 5/vii.

1872. See F. Gardiner.

1873. *Fissee* and *Cevedale* passes, 18/vii ('Tourist', 1873, p. 423 (?)).

Thomas Middlemore

(Dec. 1871; C. 1877–9; d.m. 1923).

Born 11 Feb. 1842. Brother of S. G. C. Middlemore (q. v.). Uncle of A. M. Bartleet.

Married 1881 Theodosia Anderson, d. of Hugh Mackay of Sandwood, and Kinlochbervie House, Sutherland.

Educated privately. B.A. of London University, 1875 (Matriculation, 1860; Intermediate Arts, 1867).

Manufacturer of saddles, &c., Birmingham. Lived for some years at Hawksley, King's Norton, Worcestershire; after his retirement from business he also had a residence at Melsetter Island, Orkney. Gave up his house there for the use of the Grand Fleet during their stay in Scapa Flow, and was present on the British Flagship at the Surrender of the German Fleet in 1918.

Died 16 May 1923. (In Memoriam, xxxv. 271–5, by J. P. Farrar; portraits, xxxii. 100 and Lorria and Martel's 'Massif de la Bernina', p. 134.)

Q. Alpine.

Member of C.A.F., Paris section, 1876; Original Member of the Climbers' Club.

1869. *Mont Blanc* from the Cabane on the Aiguille du Midi (4th complete ascent by this route), 25/viii ('Pioneers', 103; R.M., 1898, p. 4; C.A.I. Boll. xiii. 581, 582).

1870. *Col d'Hérens*; *Monte Rosa*; *Adler* pass and *Strahlhorn*; *Alphubeljoch*; *New Weisstor*; *Pizzo Bianco*; *Mönchjoch*; *Wetterhorn* (J. Anderegg; the order of the expeditions is conjectural).

1871. *Schwarztor*; *Lysjoch* and *Lyskamm*, c. 1/viii, with F. A. Wallroth (xxxii. 100; 'Pioneers', 103); *Grandes Jorasses*, 9/viii ('Pioneers', 103–4; C.A.I. Boll. xiii. 582).

1872. See F. Gardiner.

1873. 1st passage of the *Aletschjoch*, ascending the *Aletschhorn* (practically a new route up the mountain), 4/vii (vi. 298; Bernese C.G. I, Part ii. 186; see Studer, iii. 426); traversed the *Rothhorn* from Zermatt to Zinal in one day (*Dundee Advertiser*, 28/viii, 1876; paper by J. Brebner, q. v.); *Moming* pass and 1st ascent of the *Schallihorn*, 20/vii (vi. 294); *Mont Blanc* by T. S. Kennedy's route ('Pioneers', 104).

1874. Attempt on *Mont Blanc* by the Brouillard glacier with T. S. Kennedy, 15/vii (vii. 225, viii. 409); 1st passage of the *Col des Grandes Jorasses*, 17/vii (vii. 104; 'Pioneers', p. 105). He read a paper before the Club on this expedition (vii. 225) which gave rise to a warm discussion as to whether it was justifiable to undertake, and persuade guides to undertake, expeditions involving unavoidable dangers. See vii. 158 (note by Editor, D. W. Freshfield); 279–80 (discussion and further note by the Editor); 311, 402–5 (correspondence, T. Middlemore and L. Stephen).

1875. Attempt (almost successful) on the *Finsteraarhorn* by H. Cordier's 1876 route (viii. 267; 'Pioneers', 105); 7th passage of the *Brèche de la Meije*, 12/vii (C.A.F. Ann., 1878, p. 29), and an attempt on the *Meije*, with J. Eccles, 14/vii (viii. 197); attempt on the *Aiguille Verte* from the Argentière glacier (viii. 289; 'Pioneers', 105); 1st ascent of the W. (highest) summit of *Les Flambeaux* (Kurz, p. 78). Note on Hotels, vii. 440.

1876. (His last season of serious climbing.) With H. Cordier (q. v.) and J. O. Maund, 1st ascent (never repeated) of the *Aiguille Verte* from the Argentière glacier, 31/vii; and 1st ascents of *Les Courtes*, 4/viii; and *Les Droites*, 7/viii (viii. 105, 289); and with Cordier, the 1st ascent of *Pizzo Bianco* (*Monte Rosso de Tschierva*), 12/viii; and 1st ascent from the Tschierva glacier of *Piz Roseg*, 18/viii (viii. 109). He read a paper before the Club on these two expeditions, viii. 198. See also C.A.F. Bull., 1874–6, p. 2; C.A.F. Ann. iii. 151; S.A.C.J. xii. 128.

Author of the biographical sketch of Johann Jaun in 'Pioneers of the Alps'. It contains a summary of his own climbing career, 1869–76.

Rev. Frederick Maule Millard

(Feb. 1864, resigned 1870)

Born 7 Nov. 1835. Son of William Salter Millard, Mate, R.N. Half-brother of J. E. Millard (vol. i).

Married 1871 Mary, d. of James Hickson of Highgate.

Educated Magdalen College School and Magdalen College, Oxford (Demy, 1853–67); 2nd Class in Classical Moderations, 1855; 3rd Class in Literae Humaniores, 1857. Fellow of Magdalen College, 1867–70.

H.O., 1859. Head Master of St. Michael's College, Tenbury, 1862–9; Rector of Otham, Maidstone, 1869–1909.

Author of 'St. Peter's Denial of Christ: Seven Short Lectures' (1869).

Died 10 June 1914.

Q. Alpine.

1861. *Oberaarjoch* with J. E. Millard, 31/vii (xxxii. 240).

1863. See H. J. S. Cotton.

1865. See F. C. Fitton.

L. Albert Millot

(March 1875, resigned 1898)

Born 5 May 1835.

On the Paris Stock Exchange.

Died 20 May 1901. (C.A.F. Ann., 1901, p. 522; Bull., 1901, p. 207.)

Q. Alpine.

Member of C.A.F. (see below); the S.A.C., Geneva section, 1874; D.O.A.V., Austria section, and C.A.I., Florence section, 1874.

1868. *Pic de Nethou*, 27/viii. (Bull. Soc. Ram., 1892, p. 187). On this and all subsequent expeditions he was accompanied by Mme Millot.

1872. *Col du Tour*; *Fenêtre de Saleina*; *Col du Chardonnet*; *Col du Géant* ('Alpina', 1915, p. 127); *Mont Blanc*, 18/viii (see C.A.F. Ann., 1887, p. 48).

1873. 1st passage of the *Col de la Tour Ronde*, 2/viii (Kurz, p. 81; vi. 384 note); *Mont Blanc* by T. S. Kennedy's route, (?) 3, 4/viii; 1st passage of the *Col de l'Aiguille du Plan*, 8/viii,

and ascent of the *Aiguille du Midi*, 9/viii (vi. 293, xi. 226 note). He wrote a paper on these expeditions (*Echo*, 1874, p. 2); *Col de Triolet* and 2nd ascent (the 1st was on 10/viii, Kurz, p. 55) of the *W. Petite Aiguille de Triolet*; *Col de Miage*; *Balmenhorn*; *Tschingel* pass; *Agassizjoch*, 12/ix (S.A.C.J. ix. 530); *Mönch* and *Mönchjoch*. List of Expeditions, *Echo*, 1873, p. 240; S.A.C.J. ix. 623.

1874. *Adler* pass; *Alphubeljoch*; *Rimpfischhorn*, 1/vii; *Monte Rosa*, 3/vii; *Dom*, 6/vii; *Col d'Herens*, 10/vii; *Cols de Torrent* and *de Sorebois*, 11/vii; *Triftjoch*, 12/vii; *Lysjoch*, 14/vii; *Schwarzthor*, 15/vii; *Matterhorn*, 20/vii (he wrote a paper, read in part before the Paris section, on the three last expeditions, C.A.F. Ann., 1874, p. 220; cf. pp. 492–3); *Cols de Valpelline* and *de Bertol*; *Jungfraujoch*; *Finsteraarhorn*, descent viâ *Agassizjoch* (4th ascent by a lady, Studer, i. 109); *Schreckhorn* (Almer, p. 111; Studer, 1st ed., iv. 34). List of Expeditions, *Echo*, 1874, p. 299.

1876. See 'Alpina', 1915, p. 127.

One of the Founders of the C.A.F., and an original member of the Paris section and of the Direction Centrale. He resigned his seat on the D.C. 3/iv, 1901, when he was made an Honorary Member and awarded the Grand Medal of the Club, which was presented after his death to Madame Millot. An original member of the Finance Committee (he took a specially active part in this work for many years) and the Equipment Committee (see C.A.F. Bull., 1876, pp. 130, 275); member of the reorganized Editorial Committee 1879 (Bull., 1879, p. 54), and of the committee in charge of the exhibits of the C.A.F. at the Paris Exhibition of 1878 (C.A.F. Ann., 1878, p. 685; Bull., 1877, p. 337; 1878, p. 87). See also Bull., 1877, p. 7.

Wrote a summary of G. Studer's paper (S.A.C.J. ix. 1) on the Grandes Rousses, C.A.F. Ann., 1874, pp. 183–6.

Right Hon. Sir Gilbert John Elliott-Murray-Kynynmond, Earl of Minto, G.C.M.G., K.G., &c.

(May 1866, resigned 1869, re-elected 1905, d.m. 1914)

Born 9 July 1845, London. Eldest son of 3rd Earl of Minto and Emma Eleanor Elizabeth, d. of Sir Thomas Hislop, Bart., G.C.B. (D.N.B.). Succeeded his father as 4th Earl, 1891.

Married 1883 Mary Carolina, d. of General the Hon. Charles Grey (D.N.B.).

Educated Eton and Trinity College, Cambridge ; B.A. 1867 ; Hon. LL.D., 1911.

Ensign in the Scots Guards, 1867 ; retired with the rank of Lieutenant, 1870 ; Captain in the reserve of Officers, 1872.

Saw a good deal of fighting in the streets of Paris during the Commune, and in Spain in the Carlist War, 1873–6, where he was present as war correspondent of the *Morning Post.* Was famed as an all-round sportsman and a steeple-chase rider from his undergraduate days, and won the French Grand National at Auteuil, 1874. Was attached to the Turkish Army in the Russo-Turkish War, 1877 (medal). Served in the Kurram Valley Campaign in Afghanistan, 1879 (medal). Private Secretary to Lord Roberts in South Africa, 1881.

Volunteered for Service in Egypt, 1882 ; attached as Captain to the Mounted Infantry ; present at the engagement of Tel-el-Mahuta—wounded (mentioned in dispatches ; honorary rank of Major ; medal, 4th Class of Medjidie, and Khedive's Star). Rejoined the Corps after a few weeks and commanded it till it was disbanded.

Military Secretary to the Governor-General of Canada (Lord Lansdowne), 1883–5 ; raised a body of 300 Canadian boatmen for the Nile expedition, 1884 ; Chief of the Staff to General F. D. Middleton in the suppression of Louis Riel's rebellion, 1885 (medal with clasp).

Spent twelve quiet years at home, 1886–98 ; contested Hexham as a Unionist, 1886. J.P. and D.L. for Selkirkshire and Roxburghshire. Worked hard at the Volunteer Movement ; Colonel and Brigadier-General of the Scottish Borderers Volunteer Infantry, 1888–98 ; V.D. Brigadier of the Royal Company of Archers.

Governor-General of Canada, 1898–1904. G.C.M.G., 1898. Honorary LL.D. of the Queen's University, Kingston, 1899, McGill University, Montreal, and Toronto University.

P.C., 1902. British Delegate to the International Congress at Rome, 1905.

Viceroy of India, 1905–10. G.C.S.I. and G.C.I.E., 1905 ; K.G., 1910.

Lord Rector of Edinburgh University, 1911. Knight of Grace of St. John of Jerusalem.

Died 1 March 1914. (M. and W.; *The Times*, &c.; 'Life' by J. Buchan, A.C.)

Q. Alpine.

1862. *Breithorn*, 19/viii, and *Schwarzberg Weissthor*, 22/viii (xxxi. 227). His father and grandfather, the former aged 16 years and 5 months, had ascended the Breithorn in 1830 (xvi. 226).

1865. *Monte Rosa*, 1/vii; see F. W. Maclean for the rest of the tour.

1866. 3rd ascent of the *Schreckhorn* by a partly new route, with Horace Walker, 28/vi (iii. 94; Studer, i. 237); *Lyskamm*, 9/vii (his 21st birthday). See Buchan, p. 19.

1900. Selkirks. Ascended *Mt. Avalanche* from Glacier House. See Buchan, pp. 19–20.

Monier Faithfull Monier-Williams

(Dec. 1873)

Born 15 April 1849, Hatfield. Son of Sir Monier Monier-Williams (D.N.B.) and Julia Grantham, d. of Rev. Francis Joseph Faithfull, Rector of Hatfield.

Married 1880 Emma Georgina Gordon, d. of Gordon Wyatt Clerk, J.P., of Mickleham Hall, Surrey.

Educated Rugby.

Solicitor (1871), London.

Chairman of the English and Scottish Law Life Association and of the British Law Fire Insurance Company.

Q. Alpine.

Robert Collier, Baron Monkswell

(March 1873, d.m. 1909)

Born 26 March 1845, London. Eldest son of R. P. Collier 1st Baron (vol. i). Succeeded his father as 2nd Baron, 1886.

Married 1873 Mary Josephine, d. of Joseph Alfred Hardcastle of Holt, Norfolk, M.P. for Bury St. Edmunds.

Educated Eton and Trinity College, Cambridge; LL.B.; 1st Class in the Law Tripos, 1866.

Barrister (Inner Temple), 1869. Conveyancing Counsel to the

Treasury, and, 1884–6, an Official Examiner in the High Court of Justice; published a legal work on 'Contributories'.

Liberal Candidate for Launceston, 1877 and 1880; for Chatham, 1885. One of the original members of the London County Council and represented Haggerston, as a Progressive, continuously till 1907. During his eighteen years' membership he did much good work on various committees, in particular as a member of the Asylums Committee, and notably during the period of the Stores Scandals. Was Chairman of the Parks Committee, 1901, and up to the passing of the London Education Act, 1903, took a constant interest in the work of the Industrial Schools Committee of which he was Chairman for three years. Vice-Chairman of the Council and Chairman of the General Purposes Committee, 1902–3, and Chairman of the Council, 1903–4; at the end of his term of office was presented by his colleagues with his portrait, painted by his brother, the Hon. John Collier (q.v.).

Was appointed a Lord in Waiting by Gladstone in 1892–5, and sat on the Government Front Bench in the House of Lords in Association with Lord Rosebery, his intimate friend. During Lord Rosebery's Premiership he held for a few months in 1895 the position of Under-Secretary for War, but on the formation of Sir Henry Campbell-Bannerman's Ministry in 1906 he was passed over, and gave public expression to his disappointment.

Chairman of the Royal Commission on the Health and Safety of Miners, 1906, and towards the close of his life prominently identified with the work of the Congo Reform Association, of which he was President.

Author of 'Kate Grenville', a novel (1896), and many articles and pamphlets.

Died 22 Dec. 1909. ('Who's Who; *The Times*, &c.)

Q. Alpine.

Right Hon. Hugh de Fellenberg Montgomery

(June 1866, d.m. 1924)

Born 14 Aug. 1844. Son of Hugh Ralph Severin Montgomery of Blessingbourne, Co. Tyrone, and Maria Philipina, d. of Philip Emmanuel de Fellenberg of Hofwyl, Landamman of the Republic

of Bern and founder of a famous school at Hofwyl, near Bern (see his life in Encycl. Brit., 9th edition).

Married 1870 Mary Sophia Juliana, d. of Hon. and Rev. John Charles Maude, Rector of Enniskillen, cousin of G. E. Maude.

Educated Christ Church, Oxford. 2nd Class in Law and History, 1868.

Succeeded his father at Blessingbourne.

J.P. for Co. Tyrone (High Sheriff, 1871) and Co. Fermanagh (High Sheriff, 1880); Chairman of Tyrone County Council; Captain in the Fermanagh Militia; Chairman of the Clogher Valley Railway Co., Ltd.

Followed Gladstone in his Church and Land Legislation in the 'seventies, but broke with him on his Home Rule policy. Author of 'The Present Aspect of the Irish Land Question', *Macmillan's Mag.*, 1875.

One of the first to join (*c.* 1904) the Ulster Unionist Council, formed for the defence of Ulster's position in the Empire, and an active member of its executive to the end of his life. Senior Senator of Northern Ireland. Member of the Ulster Privy Council.

Died 8 Oct. 1924. (*The Times.*)

Q. Alpine.

1864. With S. Taylor (vol. i) 1st ascent of *Ritzlihorn*, 3/viii; 1st English ascent and 2nd recorded ascent by travellers of *Hangendgletscherhorn* (*Hangendhorn*), 4/viii(i. 379); (1st recorded?) ascent of the highest point of the *Muttenhorner* (*Mutthorn*), 9/viii (i. 380); and 1st ascent of *Punta Rossa* (*La Rosse*) (i. 444).

1865. With S. Taylor, 1st passage from the Val di Fumo to the Val di Genova, ascending the Fumo Glacier and making the 2nd passage of J. Payer's *Passo delle Topette*, 5/viii (ii. 213, 'Central Alps', 479, E. ii. 182, 197); and 1st ascent of the *Caré Alto*, 8/viii (ii. 214, E. ii. 185).

1868. *Petersgrat*; *Weisstor*; *Monte Rosa*; *Riffelhorn*; *Dent du Midi* (Joh. Tannler).

1869. *Pizzo Bianco*; *Mittelberg* (?); *Adler* pass; attempt on the *Nadeljoch* (1st crossed a week or two later, see G. E. Foster); *Ried* pass and *Ulrichshorn* (J. Tannler).

Colonel William Edward Montgomery

(Dec. 1875, resigned 1878)

Born 18 July 1847. Son of Hugh Montgomery, of Grey Abbey, Co. Down, and Lady Charlotte Elizabeth Herbert, d. of 2nd Earl of Powis.

Married 1891 Alberta Victoria, d. of General The Right. Hon. Sir Henry Ponsonby, G.C.B.

Educated Eton.

In the Scots Guards, 1866. Captain, 1870; Major, 1878; Lieut.-Colonel, 1885–94; Major-General, 1895; retired, 1900.

Served in the Zulu War of 1879 as Deputy Assistant Adjutant and Quartermaster-General in the 2nd Division, and was present at the battle of Ulundi (mentioned in dispatches: medal with clasp).

Succeeded his father at Grey Abbey, 1894.

Q. Alpine.

1875. See Lord Methuen.

Alexander Mortimer

(Dec. 1867, C. 1889–91)

Born 1838 or 1839. Son of Rev. George Ferris Whidborne Mortimer, D.D., Head Master of City of London School and Canon of St. Paul's.

Educated Trinity Hall, Cambridge: Senior Optime, 1860.

Barrister (Inner Temple), 1863. Practised on the Western Circuit. Law Reporter for the Incorporated Council in Queen's Bench Division, 1875.

A Revising Barrister.

Q. Alpine.

1865. *Lauteraarjoch* with E. Edwards (q.v.) and H. B. George (see vol. i); 1st ascent of the *Gross Nesthorn* with George, 18/ix (ii. 211).

1867. With H. B. George made a new route up the S. side of the *Schwarztor*, 31/viii (iv. 57, xxxii. 49); 2nd ascent of W. (lower) summit of the *Grandes Jorasses*, 9/ix (iv. 59); *Col du Chardonnet* and 2nd passage of *Fenêtre du Tour*, thence crossing *Col du Tour* to Orsières, 13/ix (iv. 60). See Almer, p. 132.

1882. *Aiguille du Goleon* with George, 2/ix (S.T.D. Ann., 1882, p. 121).

1888. *Bocca di Brenta*, 5/ix (Ann. Soc. Alp. Trid. xiii. 500).

Gaston Marquis de Nicolay

(May 1867, d.m. 1895)

Born — 18 — . Eldest son of Aymand Charles Marie Theodore, 1st Marquis de Nicolay : succeeded his father as 2nd Marquis, 1871. Brother of Count Joseph de Nicolay (q.v.).

Died unmarried 11 March 1895 (xvii. 535).

Q. Andes, Himalayas, ' Chamois hunting in the Alps '.

Member of the C.A.F., section Bonneville-Chamonix, 1877.

Count Joseph de Nicolay

(May 1867)

Born 10 July 1832. Younger brother of Marquis de Nicolay, (q.v.).

Some time in the 'sixties, or perhaps even earlier, he and his brother settled in Geneva and lived there together till the latter's death.

In 1864 they built a chalet on the Col de Tricot, at the foot of the Aiguille de Bionassay, for use in their sporting expeditions : they spent a good deal of time there for many years and showed much hospitality to British climbers.

In 1898 he made it over to Louis Mollard, the son of his old guide, who kept it as an inn. See Durier's ' Mont Blanc ' (1923 ed.), p. 252.

Q. Same as his brother's.

Member (1877) of C.A.F., section Bonneville-Chamonix (founded May 1877).

William John Nixon

(Dec. 1874, resigned 1883)

Born 1821, Norwich. Son of John Hindson Nixon, solicitor, Norwich.

Married 1846 Emma Maria, d. of John Thornton.

Educated Norwich Grammar School.

In 1840 became private Secretary to Sir Thomas Fowell Buxton and assisted him in his Parliamentary efforts for the suppression of the Slave Trade, till Buxton's death in 1845. (He contributed some notes and reminiscences to the Memoir of Sir T. F. Buxton by his son : see p. 247.)

In 1846 he was appointed Secretary, and in 1866 House Governor, of the London Hospital, Whitechapel : held the two offices till 1875, and continued to be House Governor till 1892, when he resigned owing to ill health. Shortly afterwards he became blind through an attack of gout, and spent most of the rest of his life at Brighton.

He was an energetic Volunteer from the commencement of the movement, became a Captain in the 5th Essex R.V., and was a good rifle shot.

Died 7 Dec. 1910. (*The Times.*)

Q. Alpine. (1869, 71–4.)

Also climbed in 1875, 6, 7, 9, and 1883 (John Kohler).

Hon. Roden Berkeley Wriothesley Noel

(June 1868, resigned 1886)

Born 27 Aug. 1834, London. Son of 1st Earl of Gainsborough and Frances, sister of W. N. Jocelyn (q.v.).

Married 1863 Alice Maria Caroline, d. of Paul de Bröe, director of the Ottoman Bank at Beyrout.

Educated Harrow, 1847–9 ; with Rev. Charles Harbin, at Hinden, Wilts. ; and Trinity College, Cambridge, B.A., 1858.

Groom of the Privy Chamber in Ordinary to Queen Victoria, 1867–71.

Author of 'Behind the Veil and other Poems' (1863) ; 'Beatrice and other Poems' (1868) ; 'The Red Flag and other Poems' (1872) ; 'Livingstone in Africa' (1874) ; 'The House of Ravensburgh, a Drama' (1877) ; 'A little Child's Monument' (1881) ; 'Songs of the Heights and Deeps' (1885) ; 'A Modern Faust and other Poems' (1888) ; 'Poor People's Christmas, a Poem' (1890) ; 'My Sea and other Poems' (1896). All these, except the 1st volume, which he wished to be forgotten, were published in a volume of 'Collected Poems', together with some poems first published in the Canterbury Poets Series (1892) and

a few others which had never been printed or had appeared only in magazines, in 1902 (with Portrait). Also published 'A Philosophy of Immortality' (1882), 'Essays on Poetry and Poets' (1886), and a 'Life of Lord Byron' (Great Writers' Series, 1890); and many Essays, philosophical, literary, and social, the latest of which was 'Christianity and Social Advance' in Andrew Reid's 'Vox clamantium' (1894). Contributed a paper 'Rambles by the Cornish Sea' to *Macmillan's Mag.*, xxxiv (1876), besides numerous poems. Edited a Selection from the poems of Spenser (1887) and the plays of Thomas Otway in the Mermaid Series (1888).

Died suddenly at Mayence, 26 May 1894. (D.N.B., &c.)

Q. Alpine.

1859–60. After a prolonged journey in Egypt and Nubia, made a journey through Palestine, Syria and the Lebanon—including a visit to Palmyra—which he described under the title 'Syrian Travel and Syrian Tribes' in 'Vacation Tourists', 1860. At Beyrout had a serious illness through which he was nursed by Madame de Bröe, his future mother-in-law. On his return journey visited Greece and Turkey.

1867. 1st passage of the *E. Wetterlimmi* (his *Renferjoch*), 22/ix (paper iv, 255: 'Central Alps', 125; R. N. Hayward's letter, iv. 336, was clearly written in the very natural belief that Noel's expedition was made in 1868).

James Noon

(May 1871, resigned 1880)

Born 1847. Son of Thomas Noon of Lancaster.

Married 1875 Emily Catherine, d. of Rev. G. W. D. Evans, Vicar of Reculver, Kent.

Educated Liverpool College and St. John's College, Cambridge (Scholar). 12th Wrangler and 2nd Class in the Natural Science Tripos, 1870.

Member of the University Shooting VIII, 1868; rowed in the St. John's boat at Henley, 1869.

Assistant Master at Christ's Hospital, 1870–2; at Charterhouse, 1873–1907.

Died 29 Nov. 1924, in 78th year.

Q. Alpine.

1870. See R. Pendlebury. His Q. also mentions an ascent of the *Weisskugel* from Kurzras and a passage of the *Hintereisjoch* (no doubt made in descending that peak ; see E. ii. 344) ; it may be taken for granted that this expedition was also made with Pendlebury.

1874. See J. Sowerby.

Christopher Oakley

(Dec. 1864, d.m. 1898)

Born 1836 or 37, Frinderbury near Rochester. Son of John Oakley.

Married 1865 Kate, d. of Charles Kingsford of London and Lewisham.

Partner from 1860, and at the time of his death senior partner, in the firm of Daniel Smith, Sons & Oakley, auctioneers and surveyors, London. Was for many years one of the consulting surveyors to the Board of Trade and the Charity Commissioners, and agent to the Mercers' and Drapers' Companies ; carried out very large transactions on behalf of the London, Tilbury, and Southend Railway Co. ; and had an extensive practice in compensation cases.

An original member of the Institute of Surveyors, member of Council for many years, President, 1897. A Director of the Auction Mart Co. ; a member of the Commission of Estate Exchange ; and one of the Trustees of the Auctioneers' and Surveyors' Clerks' Provident Institution.

Lived for many years at Chislehurst ; served on the Kent County Council, 1889–90, and 1892. Member of the Kent Antiquarian Society.

F.G.S., 1864.

Died 5 Oct. 1898, in his 62nd year. (*The Times.*)

Q. Alpine.

1864. Attempt on the *Central Aiguille d'Arves* (Moore, p. 14 note ; S.T.D. Ann., 1890, pp. 116, 119 ; and see viii. 68–9, 72) ; 1st ascent of the S. summit of the *Grandes Rousses* (Bonney, Sketches in Dauphiné, p. 24 note ; vii. 58, 76, 330 ; C.A.F. Ann., 1874, p. 182) ; 1st English ascent of *Mont Thabor*, 9/viii (ix. 97) ; *Mont Blanc*, 30/viii.

Sir George Robert Osborn, Bart.

(Mar. 1867, d.m. 1892)

Born 29 October 1813. Eldest son of Sir John Osborn and Frederica Louisa, d. of Sir Charles Davers, Bart. Succeeded his father as 6th Baronet, 1848.

Married 1st, 1835, Lady Charlotte Elizabeth Kerr, sister of 4th and 5th Earls of Antrim ; 2nd, 1871, Mary Elizabeth Anne, d. of Sir George Sitwell, Bart.

Educated Westminster and Christ Church, Oxford.

Ensign in the 85th Regiment of Foot, 1832 ; Lieutenant, 1834, retired 1835.

J.P. for Bedfordshire. High Sheriff, 1857–8. Was for some time Chairman of the County Liberal Association, but joined the Liberal Unionists on the introduction of the Home Rule Bill, 1885.

F.R.G.S., 1852.

Died 11 January 1892. (M.E.B.)

Q. 'Many successive years in Switzerland : thorough topographical knowledge.'

1872. Letter on the dishonesty of a Swiss hotel-keeper, vi. 54.

John Smythe Smythe-Osbourne

(Jan. 1872, d.m. 1914)

Born 5 February 1842. Son of John Smythe Osbourne of Wortley Manor, Leeds, and Louisa, d. of Charles Small of Newport Pagnell, and widow of C. Harvey.

Married 1875 Eliza Cotton, d. of Colonel Prior of Bath.

Educated Elizabeth College, Guernsey.

Assumed the additional surname of Smythe, 1878.

Purchased the property of Ash, Iddesleigh, N. Devon, 1882. Lord of the Manor of Monk, Okehampton.

J.P. and D.L. for Devonshire. Sheriff, 1900. 'Was well known in North Devon as one of the best class of resident landowners, studious to promote the welfare of his tenantry, also a good sportsman, and a supporter of country sports and country pursuits of all kinds ' (xxviii. 258).

F.R.G.S., 1875.

Died at Ash, 28 February 1914.

Q. Alpine.

1867. *Monte Rosa*, 12/vii (O.B.V.).

1868. *Galenstock*; *Finsteraarhorn*; *Oberaarjoch*; *Wetterhorn* (Joh. Tannler).

1870. *Ortlerspitze*, 21/vii ('Tourist', 1871, p. 697).

Thomas Clifton Paris

(April 1869, d.m. 1909)

Born 21 May 1818. Son of John Ayrton Paris, M.D., F.R.S. (D.N.B.), and Mary Catherine, d. of Francis Noble of Fordham Abbey, Cambridgeshire.

Educated Harrow (Cricket XI, 1837) and Trinity College, Cambridge. B.A., 1841.

Barrister (Lincoln's Inn), 1842.

Superintendent of the Literary Department of the Probate Court, 1858–72. Registrar of the District Probate Registry of the High Court for Hereford, Radnor, and Brecon, 1872–1908.

Was a gifted artist, and exhibited pictures in the Royal Academy, 1855 and 56.

Compiled and edited Murray's Handbooks for Devon, Cornwall, Wilts., Dorset, and Somerset (1851–74), and edited the 14th, 15th, and 16th Editions of the Handbook for Switzerland, 1871, 72, 74.

Author of 'Philosophy in Sport made Science in earnest'.

Died unmarried 26 January 1909. (*Law Times*.)

Q. Alpine.

1842. Pyrenees: left Paris by diligence, 4/vii; after visiting Biarritz, Bayonne, and St. Sebastian, reached Pau, 24/vii; Eaux Bonnes, 26/vii; by road (after an attempt to make a direct pass over the mountains) to Eaux Chaudes, 27/vii; to Cabane, near head of W. branch of Val d'Ossau, 28/vii; to Lac de l'Ours, back to Eaux Bonnes, 28/vii; *Cols de Tortes* and *de Saucède*, Argelez, Cauterets, 29/vii; visited the base of the Marcadou and Lacs de Gaube and d'Estom; attempt at a mountain route to Luz, 7/viii; *Col de Lisey* to Luz, 8/viii; Cirque de Gavarnie, 9/viii; *Col de Tourmalet*, to Bagnères de Bigorre, 10, 11/viii; return to Luz, ascending *Pic du Midi de Bigorre*, 12, 13/viii; Cirque de Troumousse, 15/viii; ascended towards the *Brèche de Roland*, as far as the edge of the glacier,

alone, 17/viii; by *Port de Gavarnie* to Boucharo, where he was arrested for sketching, and marched to Torla, 18/viii; by *Col de Cotefablo* and Viescas to Baths of Panticosa, 19, 20/viii; attempt with an English friend to cross the mountains by the Brazzato Lakes to Boucharo: night out, and return, 25, 26/viii; *Port de Marcadou* to Cauterets, 27/viii; Lac d'Estom to Lac de Gaube by *Col d'Araillé*, 28/viii; to Luz, 29/viii; Lac d'Escoubous, 31/viii; to Gripp, 1/ix; *Hourquette d'Aspin* to Arreau, 3/ix; *Pic d'Azet*, 6/ix; Lac d'Orredon (Doredom), 9/ix; *Port de Peyresoude* to Luchon, 10/ix; *Port de Venasque* to Venasque, 16/ix; *Port de Castanese* to Vicdaillet, 17/ix; return by *Port de Viella* and *Port de Portillon* (visiting the *Oeuil Joucou*), 19–21/ix. Lac d'Espingo; *Port de Pierrefitte* to Arreau, 25/ix; to Gripp, 26/ix; crossed a pass to W. of Pic du Midi de Bigorre (not known to C. Packe) to Val d'Ardalas, Val d'Esponne and Bagnères de Bigorre, 27/ix. See Beraldi, vii. 58–61; Ford, Handbook to Spain, 983. He described the tour in 'Letters from the Pyrenees' (1843).

1862. *Schwarzberg Weisstor* with J. Tyndall (vol. i); see Tyndall's 'Hours of Exercise in the Alps', p. 296.

John Bennisworth Parish

(Dec. 1876, d.m. 1916)

Born 22 March 1841, Hundlebury, Lincolnshire. Son of John Bennisworth Parish of Twentylands, near Spilsby, Lincs.

Married 1870 Martha Maria Ann Agnes, d. of John Birt Davies, M.D., of Edgbaston.

Educated King Edward's School, Birmingham and Trinity College, Cambridge. (Scholar, 1863.) 12th Wrangler, 1864.

Assistant Master at Rossall, 1865–7, at Dulwich College, 18 . . –1905.

Died 1916 (xxx. 349).

Q. Alpine.

1865. See C. Taylor.

1867, 1873, 1881, 1882. See A. Cust.

Charles Lewes Parker

(Dec. 1869, d.m. ?1881)

Born —. Son of Rev. Edward George Parker.
Married 1859 Caroline Ann, d. of John Randall, solicitor.
Solicitor (1852), London.
Died 1881(?).

Q. Alpine.
1868. *Schwarzberg Weisstor*, 26/viii; *Monte Rosa*, 28/viii (O.V.B.).

Henri Pasteur

(April 1873, C. 1882–5, V.P. 1893–5, d.m. 1909)

Born 1827. Son of the Postmaster-General of the Canton of Geneva and Mdlle Mousson.

Married 1854 Caroline Emma, sister of W. Marcet (q.v.), and of Mrs. A. C. P. de Candolle.

Educated at the College of Geneva.

Came to England in 1846 and entered the office of his uncle, carrying on the business of an East Indian and Colonial Merchant, under the firm of Patry and Pasteur, in London. Later became a partner. Retired from the firm 1887, but carried on various commercial enterprises, chiefly in connexion with S. Africa, till his death.

Was sworn as a special constable at the time of the Chartist demonstrations, 1848; and naturalized as an English citizen, 1851. Joined the ranks of the 6th Surrey Rifle Volunteers, 1859, and thus became acquainted with Sir A. Wills.

Travelled in S. Africa, 1889, visiting Kimberley, Johannesburg, Pretoria, and the Zoutspansberg, and British Bechuanaland. Again visited S. Africa, also Portuguese E. Africa, with C. H. Pasteur, 1893.

Chairman of Oceana Consolidated Co., Ltd., and of the Southern Land Co., Ltd., and Director of Conrad Stannite Mines, Ltd., London and S. African Agency, Ltd., New Egyptian Co., Ltd., Van Rym Gold Mines Estate, Ltd., and on the London Board of the Mozambique Co. Of Wynches, Much Hadham, Herts., from 1900. J.P. for Herts.

Died at Geneva, 28 July 1909. (In Memoriam, xxiv. 666, by Sir A. Wills.)

Q. Alpine.

Member of S.A.C., Geneva section (1870 or earlier).

1846. 1st visit to Chamonix, ascended the *Buet*. From that time onwards he visited the Alps regularly, and acquired an extensive knowledge of the Central and Western Alps, especially the chain of Mont Blanc (xxiv. 668–70).

1870. *Monte Rosa*, 23/vii ('Echo', 1870, p. 23).

1873. *Ruitor* ('Echo', 1875, p. 136).

1876. *Aiguille du Midi* (S.A.C.J. xii).

1879. *Mont Blanc* traversed up by T. S. Kennedy's route, with C. E. Mathews, F. Morshead, and W. Pasteur, 14/viii (Annals, 215; C.A.I. Boll. xiii. 580).

1883. *Aiguille du Tacul* with W. F. Donkin, 18/viii.

1895. Present at C.A.F. Congress at Albertville (C.A.F. Bull., 1895, pp. 243–4).

1896. Celebrated his Alpine Jubilee with Sir A. Wills and G. Loppé (who like him had begun their acquaintance with the ice-world in 1846) by a visit to the seracs of the Glacier du Géant, 23/ix (xxiv. 670).

Noel Huntingdon Paterson

(Dec. 1875, d.m. 1877)

Born 14 June 1844, London. Son of Commander John Paterson, R.N., and Jane, d. of Duncan Campbell of Auchline, N.B.

Educated Merchant Taylors' School and St. John's College, Oxford (Exhibitioner): 2nd Class in Classical Moderations, 1865; 2nd Class in Law and History, 1867. Rowed stroke in his College VIII.

Barrister (Middle Temple), 1869. Practised on the South-Eastern Circuit and Herts. and Essex Sessions. 'After many years of patient hard work at the Bar he had [at the time of his death] at last gained that success which rendered his future career assured' (*The Times* Obit.).

Author of 'A Manual of the Usages of the Stock Exchange' (1870). Editor of Woolrych's 'Metropolitan Buildings Acts',

2nd edition (1877). Joint editor of Wharton's 'Law Lexicon', 6th edition (1876).

Killed, with W. A. Lewis, on the *Lyskamm*, 6 September 1877 (viii. 346; M.E.B.).

Q. Alpine.

John Home Adam Peebles-Chaplin

(Feb. 1873, resigned 1918)

Born 11 Jan. 1840. Son of John Home Peebles, physician, of Cheltenham.

Married 1893 Caroline Selina, d. of Sir Charles-Watson Copley, Bart.

Educated Cheltenham.

Civil Service.

Of Colliston, Forfarshire from 1883.

Q. Alpine.

Member of C.A.F., Paris section, 1878.

1873. See H. N. Malan.

1876. Made a new ascent of the *Weissmies* by the E. face with Mr. and Mrs. E. P. Jackson, 17/viii (viii. 226); and traversed the *Jägerhorn*, apparently 1st recorded ascent from the N. (xv. 369).

1877. *Matterhorn* traversed with W. H. Grenfell, 19/viii; *Rothhorn* traversed from Zermatt, return by *Moming* pass, with W. E. Davidson, 30/viii (xxx. 182–3).

1880. *Col de Miage* with M. Carteighe, J. Shortt, and G. F. Vernon, 28/viii; *Col de Talèfre*, 2/ix; and *Mont Blanc* traversed, 4/ix, with Vernon.

Richard Pendlebury

(Jan. 1872, d.m. 1902)

Born 28 March 1847, Liverpool. Son of James Pendlebury of Liverpool; brother of W. M. Pendlebury.

Educated Liverpool Royal Collegiate Institute and St. John's College, Cambridge (Scholar): Senior Wrangler and bracketed 1st Smith's Prizeman, 1870.

Matriculation (1st Class) Honours, 1867; Intermediate Arts

(Exhibition in Mathematics), 1867 ; B.A. of London University (Senior University Scholarship for Mathematics and Natural Philosophy), 1869. Fellow of St. John's College, 1870. Mathematical Lecturer, 1870–1900.

Examiner in the Mathematical Tripos, 1880 ; and 1891–2 (Part II). University Lecturer in Mathematics, 1888–1900, and served for some time on the Special Board for Mathematics. His deafness prevented him achieving full success as a teacher. Editor of the 'Messenger of Mathematics'. Was an accomplished musician and actively promoted the study of music in the University ; had a very valuable collection of music, which he bequeathed to the Library of the FitzWilliam Museum.

After giving up mountaineering he spent vacations in making sea voyages, visiting South and Central America and South Africa. About the beginning of 1901 he left Cambridge, resigning all his appointments, and settled at Keswick.

Died at Keswick, 13 March 1902. (In Memoriam, xxi. 124, by F. Gardiner ; *The Times* ; The Eagle (very full and appreciative notice).)

Q. Alpine.

Member of S.T.D., 1875.

1870. With J. Noon (q.v.), *Wildspitze* traversed, 5th ascent, new descent by Täschach glacier and *Mittelbergjoch* (1st passage), 23/vii (vi. 148, 208, E. ii. 260, 265, 'Eastern Alps', 164) ; 1st passage of *Pitzthal Madatschjoch*, 24/vii (E. ii. 313) ; *Weisseejoch*, 25/vii (see for these expeditions, Z.A.V. ii (1870–1), p. 101 and ff.) ; 1st ascent of the *Querkogel*, 16/viii (E. ii. 357, Z.A.V. vii. 226) ; 2nd ascent and 1st traverse of *Noderkogel*, 17 or 18/viii (E. ii. 346). It may be assumed that he also took part in Noon's ascent of the *Weisskugel*.

1871. With W. M. Pendlebury and C. Taylor, repeated the traverse of the *Wildspitze* (vi. 148) ; made the 3rd ascent of the *Watzespitze* (*Verpeilspitze*), new descent to the W. by the *Watzeferner*, 1/viii (vi. 148, E. ii. 308, M.A.V., 1875, p. 69, Z.A.V., 1904, p. 299) ; *Ortlerspitze*, 3/viii ; *Königspitze*, 7/viii ('Tourist', 1871, pp. 608, 688).

It was probably this year that he made with W. M. Pendlebury what seems to have been a repetition of A. v. Ruthner's 1867 passage of the *Pfaffennieder* (E. ii. 401) and *Hohe Stellenscharte* (E. ii. 395). See 'Eastern Alps', 185, 188, 189–90, and xiii. 127.

In 1870 or 71 ascended the *Ruderhofspitze* (Note by 'R.P.', 'Eastern Alps', 182; apparently 2nd ascent, anticipating B. Lergetporer, see E. ii. 452–5).

1872. With Taylor, attempt on the *Ochsner* (his *Rotherkopp*) from the Gunkelkarr, 18/vi (E. iii. 62); *Löffler* and 1st passage of *Floitenjoch* (*Löffeljoch*), 20/vi (vi. 95, E. iii. 308); *Keilbachjoch*, 3rd travellers' passage, 22/vi (E. iii. 74, M.A.V., 1895, p. 21); 1st certain ascent of the *Thurnerkamp*, Pendlebury also making the 1st passage of the *Rossruckscharte* (*Thurnerkampjoch*), 25/vi (vi. 95, M.A.V., 1875, pp. 30, 102, 1876, p. 13, E. iii. 4, 38, 42). He wrote a paper on these expeditions, 'The Zillerthaler Ferner' (vii. 232); *Marmolata* by F. F. Tuckett's variation, 2/vii (vi. 149).

With Taylor and W. M. Pendlebury, *Cima Tosa* (*Brenta Alta*), with a variation, 6/vii (vi. 148, E. iii. 304); *Adamello* and 1st passage of *Passo d'Avio*, 11/vii (vi. 94, E. ii. 217); *Monte della Disgrazia* (vi. 232); 1st ascent of *Monte Rosa* from Macugnaga, 22/vii (vi. 91, 232); *Matterhorn* traversed, Zermatt to Breuil, 25/vii (vi. 243, note).

1873. With T. Cox, F. Gardiner (q.v.), W. M. Pendlebury, and C. Taylor, 1st passage of the *Col du Pavé*, 10/vi; *Peyrou d'Amant*, 13/vi; an attempt on the *Rateau* (then unascended) by E. arête (foiled by bad weather), 14/vi; 1st passage of the *Brèche de Charriere*, 16/vi; 1st ascent of the *Grand Aiguille* (with W. M. Pendlebury and T. Cox; see vii. 148), 20/vi; 1st ascent of the *Roche Faurio*, 21/vi; and 2nd ascent of the *Pic Centrale* of the *Meije*, 24/vi (vi. 288–90, 365, vii. 80).

With W. M. Pendlebury and Taylor made an attempt on the *Aiguille du Dru*, 4/vii (vii. 66–8, ix. 189). With W. M. Pendlebury, 1st ascent of the *Schreckhorn* from the NE. (Lauteraarsattel), 11/vii (vi. 298. He read a paper before the Club on this expedition, vii. 34).

1874. Examined the S. face of the *Meije* (S.T.D. Ann., 1900, p. 228) and made 1st passages of the *Cols de Roche Faurio*, 1/vii, and *des Rouies*, 4/vii, with C. Taylor (vii. 104). 1st ascent of the *Dom* from the Nadeljoch with Taylor and G. E. Foster, 23/vii (vii. 105). *Pigne d'Arolla* and *Col de Breney* with the same, T. G. Bonney, A. Cust, A. H. Cawood, and J. B. Colgrove, 27/vii (viii. 2–3).

1875. With A. Cust (q.v.), *Col de la Lauze* (S.T.D. Ann. 1. 84); a new pass near Col d'Olan, and the *Col de Turbat* (La Lavey to Valgaudemar), 6/vii; 1st ascent of the S. and central summits

(Cust ascending only the S. summit) of the *Pic d'Olan*, 8/vii (vii. 316, xiii. 57. He wrote a paper on the two last expeditions, S.T.D. Ann., 1875, p. 103); the *Col du Says* (S.T.D. Ann., 1875, pp. 77, 103). Again reconnoitred the S. face of the Meije, 12/viii (S.T.D. Ann., 1900, p. 231).

With Cust and C. Taylor ascended the *Levanna Centrale*, not knowing where they were, 16/vii (C.A.F. Ann., 1877, p. 183); new ascent of the *Grand Paradis*, from Ceresole viâ Col du Grand Paradis, 19/vii (vii. 318). *Grivola* with the same (ix. 72).

1876. With W. M. Pendlebury, *Col du Grand Cornier*; *Rothhorn*, 10/vii; attempt on *Lyskamm*, 13/vii (viii. 376–7); 1st ascent of the *Grivola* by the N. arête (not repeated till 1895, xx. 330), 17/vii; traverse of the *Tour du Grand St. Pierre*, both ascent and descent by new routes, 19/vii; *Col du Grand Etret*, 21/vii; 1st passage of *Col Bonney* (*Col de Montandayné*), 22/vii (viii. 101–2; he read a paper before the Club on these expeditions, 'Gleanings from Cogne', ix. 72); *Mont Blanc*, 5th complete ascent by J. H. Ramsay's route, 27/vii (R.M., 1898, p. 441, C.A.I. Boll. xiii. 579, N.A.P. iv. 396); 1st ascent of S. summit of *Aiguille de Blaitière*, 29/vii (viii. 106).

1877. *Col du Glacier Blanc* (5th passage, C.A.F. Ann., 1878, p. 65), 6/vii, and *Mont Pelvoux*, 8/vii, with J. B. Colgrove and C. Taylor (S.T.D. Ann., 1877, pp. 73, 121); 1st ascent of the *Pic sans Nom* (*Crete du Pelvoux*) with Colgrove, 10/vii (viii. 329; he wrote a paper on these expeditions, S.T.D. Ann., 1877, p. 121); *Col de la Pilatte*, 3rd passage, 12/vii (S.T.D. Ann., 1877, p. 110, Rev. Alp., xi. 182–6); *Barre des Ecrins* (10th ascent, C.A.F. Ann., 1882, pp. 38, 67) with Colgrove and Taylor, 14/vii. Made a new descent of the *Grand Pic de Belledonne*, 17/vii (viii. 329); and with Colgrove and Taylor the 1st passage of the *Col de Leschaux*, 23/vii (viii. 337).

1878. *Zimbaspitze*, 28/vi (E. i. 29). With C. Taylor, *Schwemmserspitze*, 2nd ascent, 10/vii (E. ii. 293); *Weisskugel* traversed from Kurzras to Langtaufererthal, 12/vii (ix. 113, E. ii. 293); *Piz Linard*, new descent direct to Val Lavinuoz, 15/vii (ix. 113, E. ii. 6, Central Alps, 359).

He was one of the earliest climbers in the Lake District. In Sept. 1872 made with F. Gardiner a new ascent of the *Pillar Rock* by 'Pendlebury's traverse' (xxi. 125, F.R.C.C.J. ii. 16, vi. 67–9).

William Martin Pendlebury

(Dec. 1872, d.m. 1921)

Born 1841. Brother of R. Pendlebury (q.v.).

Educated privately; Matriculated London University (with Honours), 1870.

Merchant, Liverpool.

Died unmarried 1921. (See F.R.C.C.J. vi (1922), pp. 67–9).

Q. Alpine.

1871, 1872, 1876. See R. Pendlebury.

1873. See R. Pendlebury: W. M. P. also made, with the rest of the party, the 1st ascent of the *Sommet des Rouies*, 19/vi; and wrote a paper on the 1st ascent of the Grande Aiguille, vii. 148–9.

William Penhall

(Feb. 1876, d.m. 1882)

Born 27 Oct. 1858, Hastings. Son of Dr. Penhall of St. Leonards.

Educated The Grange, St. Leonards; King's College, London (London University Matriculation, 1875; Intermediate Sci., 1878); and Trinity College, Cambridge, B.A., 1881. Then began to study Medicine at St. Bartholomew's Hospital.

A first-rate rifle shot; shot in the University Shooting VIII, 1879, 80, 81, and in the Humphrey Cup IV, 1880, 81; was invited to compete for a place in the team which went to America to shoot in Sept. 1882.

Died unmarried 3 Aug. 1882 (see below). (In Memoriam, xi. 103, by F. J. Church.)

Q. Alpine.

1877. *Matterhorn*, 20/viii (see ix. 449).

1878. (See ix. 449–50). With W. M. Conway and G. Scriven, *Bruneggjoch*, *Brunegghorn*, and *Biesjoch* (Turtmann to Randa; see Conway, 'Mountain Memories', 76–7), *c.* 1/viii; crossed the *Old Weisstor* to Macugnaga by F. F. Tuckett's couloir with Conway and Scriven, 5/viii (xi. 198); combined the *Nord End* and *Monte Rosa* in a single expedition (F. T. Wethered did the same independently on same day) with Scriven, 10/viii (ix. 108); *Triftjoch*, 12/viii; *Rothhorn* new route by the W. face with Conway and Scriven, 13/viii (ix. 108); *Dom*, new route from the

Domjoch, 19/viii (ix. 110) ; and *Dent d'Hérens* and *Tiefenmattenjoch* (xxx, between pp. 180 and 181), both with Conway.

1879. Made the 1st ascent of the *Matterhorn* by the W. face, 3/ix (ix. 366 ; he read a paper before the Club on the expedition, 'The Matterhorn from the Zmutt glacier', ix. 449) ; and with A. F. Mummery the 1st recorded ascent of the *Dürrenhorn*, 7/ix (ix. 367, where it is called *Nadelhorn* ; x. 340, xiii. 412).

1882. Killed on the *Wetterhorn*, 3/viii (xi. 93, 100).

Rev. Thomas Henry Philpott

(Dec. 1865, resigned 1893, re-elected 1916, d.m. 1917)

Born 4 Oct. 1839. Son of Rev. H. C. Philpott of Severn, Stoke, Worcestershire.

Married.

Educated Marlborough and Bishop Cosins Hall, Durham University ; B.A., 1861.

H.O., 1862. Curate of Newton St. Cyres, Exeter, 1864 ; Rock, Worcestershire, 1864–7 ; Wolverhampton, 1867–9 ; Tisbury, Wilts., 1869–72 ; Burwell, Cambridgeshire, 1872–4 ; Kenwarton, Warwickshire, 1874–6 ; Great Alne, Warwickshire, 1876–7 ; Alcester, Warwickshire, 1877–8 ; Folke, Dorset, 1878–80 ; Houghton, Norfolk, 1880–2.

Rector of Stockleigh Pomeroy, Crediton, Devon, 1894–1911.

Died 22 May 1917. (In Memoriam, xxxi. 340, by J. P. Farrar.)

Q. Alpine.

1861–6. See J. J. Hornby and xxx. 231–7. The ascent of the *Jungfrau* with J. Robertson, 23/vii/1863, with which he is credited, xxxii. 227, seems unlikely. I suspect Robertson's companion was J. S. Philpotts, with whom he climbed in 1865.

1889. Returned to Switzerland after an absence of twenty-three years ; ascended the *Wetterhorn*, and *Ochsenhorn*, and crossed the *Eigerjoch* (Almer, p. 248).

1890. *Klein Schreckhorn*, 11/vii (Schw. Alp. Ztg. viii. 170) ; with H. W. T. Bowyear, 2nd traverse of the *Gross Viescherhorn* and the *Ochsenhorn* in a single day (from the Bergli hut to Grindelwald ; the previous one was from the Bergli to the Concordia Hut) ; in the course of the expedition made the 1st ascent of the *Walcherhorn* and 1st complete passage of the NW. arête

of the *Gross Viescherhorn*, 16/vii (xv. 309–10, xxx. 356 ; Studer, i. 267, 277, 279 ; Bernese C.G. ii. 2, 7–9, 12–13).

Wrote an account of his climbing career, entitled 'Hornby and Philpott', and of a last visit to the Alps with Mrs. Philpott in July 1914, xxx. 230–44.

Charles Pilkington

(Dec. 1872, C. 1882–5, V.P. 1887–9, P. 1896–8, d.m. 1918)

Born 18 Aug. 1850, St. Helens. Son of Richard Pilkington of Windle Hall, Lancashire, J.P., and Anne, d. of Richard Evans of Haydock. Brother of L., father of E. F. Pilkington.

Married 1884 Mabel, d. of Joshua Fielden of Nutfield Priory, Sussex, and niece of F. D. Brocklehurst (q.v.).

Educated at Mr. Alexander Stewart's school, Blackheath, where he was captain of the cricket and football teams. Later was a prominent player in Lancashire Rugby football, and on one occasion played for the North of England *v.* the South.

On leaving school entered a cotton warehouse, but soon left it for the more congenial profession of colliery engineer at Haydock Collieries. (He began his work there as a fitter in the colliery workshops, and there in 1875 he made his first ice-axe, the marked superiority of which was at once recognized.) Gave much time to training men for rescue work in case of mine explosions and was Chairman of the Rescue Station. He was also a director of the Pilkington Tile Pottery Co., founded by him and his brothers. In 1888 he left Haydock and joined his brothers at the Clifton and Kersley Collieries near Manchester, remaining an active director there for the rest of his life.

Member of Council of the British Cotton Growing Association.

President of the Lancashire and Cheshire Coal Association, 1903. For many years did valuable public work as Chairman of the Joint Committee of the Board of Conciliation, composed of representatives of the employers and miners of Lancashire and Cheshire Collieries.

J.P. for Lancashire.

Died 22 December 1918. (In Memoriam, by L. Pilkington and H. Woolley, with portraits, xxxii. 346 ; by G. A. Solly, S.M.C.J. xv. 259.)

Q. Alpine.

Member of S.T.D. (1877); Climbers' Club (1905). Subscriber to N. Zealand A.C. (1893). Original Member and one of the 1st V.P.'s (1890–2) of S.M.C. (see xv. 79). One of the 1st V.P.'s of Rucksack Club, 1903–5, P. 1906–8; Honorary Member of F.R.C.C. and Y.R.C.

1872. *Col du Géant. Wetterhorn* with G. E. Hulton (xxv. 50); *Petersgrat, Beichgrat, Aletschhorn* and *Monte Rosa*, with L. Pilkington; *Old Weissthor*; *Col delle Loccie*; *Lysjoch.*

1874. With L. Pilkington, *Schreckhorn, Strahlegg, Oberaarjoch, Alphubeljoch, Weissmies* traversed, *Weisshorn, Balmhorn* and *Altels* traversed.

1876. *Gabelhorn* (Gardiner, p. 19).

1877, 78, 79, 81. See F. Gardiner. He contributed a map of the mountains at the head of the Valgodemar to Gardiner's paper on the season of 1879 (x. 48, 138); and read a Paper before the Club (with an outline sketch) on the ascent of the Meije in 1879 (ix. 411–27), and another on that of the Jungfrau from the Wengern Alp in 1881 (x. 386).

1882. With L. Pilkington and E. Hulton (q.v.) without guides, 1st guideless ascent of *Piz Kesch* (*c.* 1/viii); visited the *Sella* pass, 5/viii; 1st guideless ascent of *Piz Roseg* (Studer, iii. 134), 7/viii; *Piz Bernina* (2nd), 9/viii; 1st guideless ascent of *Monte della Disgrazia* (by a new route by NE. arête and face; see the sketch by him, xi. 245), 12/viii (xi. 121, 182, 245).

1889. With Horace Walker, *Federerkogel*, 25/vi; *Cima di Vezzana*; *Pala di S. Martino*; *Cima di Madonna* (Ann. Alp. Trid. xvi, Guides' Reports); *Croda da Lago*; *Kleine Zinne*; *Monte Pelmo*; *Marmolata.* L. Pilkington joined in all these climbs except the 4th and 5th; G. E. Hulton in the 3rd and 4th; Mrs. C. Pilkington (xxx. iii. 349) in the last two.

1890. *Wetterhorn* with Horace Walker, Mrs. Pilkington, and Melchior Anderegg, 16/vii (xxix. 65); 1st ascent of the *Dent Jaune*, with Walker only, 13/viii (xv. 298).

1893. With E. Carr and Horace Walker, *Monte Cristallo*, 19/vii; *Bocca di Brenta*, 29/vii; *Cima di Brenta*, 1/viii; *Presanella*, 5/viii; *Adamello*, 6/viii; *Königsspitze*, 10/viii. (M. Anderegg joined in the first two expeditions; no other guides.)

1894. 3rd ascent of the *Dôme de Val d'Isère* with Horace Walker and R. W. Brant, without guides, 14/vii (Rev. Alp. i. 23, 85, 170–1).

1895. With E. Carr and Horace Walker, *Terglou*, 23/vi ; *Hochalmspitze* (guideless), 27/vi ; *Dreischusterspitze* (guideless), 2/vii ; *Grosse Zinne* (with Mrs. Pilkington and Miss Carr), 4/vii ; with E. Carr only, Feldkopf (*Zsigmondyspitze*), 16/vii ; with Carr and Jos. Collier, *Gross Greiner*, 19/vii ; with Carr, Walker, and Collier, *Rossrückspitze*, 21/vii (the last 3 guideless).

1896. *Mönch*, with Walker and G. A. Solly (S.M.C.J. iv. 242) ; 1st ascent of summit No. 3 of the *Fusshörner* with Slingsby, Solly, and E. Carr, 13/vii (xviii. 408, xix. 316, and Illustrations facing pp. 317, 318) ; *Mont Fort* and *Col du Mont Fort* with Slingsby, Solly, and Walker (Slingsby, p. 48) ; traversed *Mont Blanc*, ascending by the Dôme Glacier, with all four, 26/vii (xxxi. 81 ; Rucksack Club J. i. 24 ; Rev. Alp. ii. 266–7). All guideless. See further as to this party's doings, xviii. 327–8, 'Alpina', 1915, p. 129.

1897. With Carr and Walker, *Vertainspitze*, 9/vii ; *Suldenhorn* and *Schrötterhorn*, 12/vii ; *Schwestern* (Pontresina) guideless, 22/vii (Mrs. Pilkington joined in the 1st and 3rd expeditions) ; *Piz Bernina* by the *Scharte*, guideless, 24/vii ; *Piz Roseg* with Walker (?).

1898. *Cime de l'Est* (Dent du Midi), 2/vii ; *Combin de Corbassière* and *Col des Otanes* both with Carr, Walker, and C. Hopkinson, 9/vii ; *Pointe d'Otemma* with Carr and Walker, 12/vii ; *Cols de Bertol* and *d'Hérens* with the same and R. W. Brant, guideless, 15/vii.

See S.M.C.J. v. 195, 'Alpina', 1915, p. 129.

1901. With Walker and G. A. Solly, *Wildspitze* ; *Vordere Oelgrubenstock* ; *Braunschweigerjoch*, &c. See xxix. 65 ; 'Alpina', 1915, p. 129.

1903. *Schienhorn* (from Binnental) with E. Carr, 7/vii ; with Carr and H. Woolley, *Cherbadung* (or *Pizzo Cervandone*), 10/vii ; *Ofenhorn*, 12/vii ; *Monte Leone* traversed, 15/vii ; *Rossbodenjoch*, 21/vii ; *Portiengrat*, 24/vii ; *Aiguilles Rouges d'Arolla*, Central and N. peaks, 29/vii. All guideless.

1905. With E. Carr, E. F. Pilkington, and H. Walker, *Rocher de Plassus* and *Dent de Portetta* ; *Pointe de la Glière*, 24/vi ; *Grande Casse* (C. Hopkinson joined in this expedition), 4/vii (he wrote a paper 'Round Pralognan', Rucksack Club J. i. 1–7, on these expeditions) ; *Cols de Goletta* and *de Bassac Déré*, and *Pte de la Traversière*, 12/vii ; *Bec de l'Invergnan*, 14/vii (with Carr and E. F. P. only) ; *Pollux*, 23/vii (xxiv. 94).

1907. With Carr and E. F. P., *Engelberger Rothstock*, 27/vi ; *Spannörterjoch*, 29/vi ; with the same and H. Woolley, *Dussistock*, 6/vii (C. Hopkinson joined in this expedition) ; *Pizzo Uccello*, 11/vii ; *Zapporthorn*, 12/vii ; *Gross* and *Klein Piz Buin*, 19/vii ; *Gross Litzner* traversed, 20/vii. All guideless. See Rucksack Club J. i. 122.

1908. With Carr, E. F. P., and C. Hopkinson, *Büttlassen*, 2/vii ; with Carr, E. F. P., and H. Woolley, *Gspaltenhorn*, 10/vii ; *Wildhorn* from Sanetch pass, 24/vii ; *Diablerets*, 25/vii (guideless except Gspaltenhorn).

1910. With Carr and Woolley, *Rothwand* (Rosengarten), 6/vii ; N. face of *Ost. Latemar Gipfel*, 8/vii (C. Hopkinson joined in this expedition) ; *Boéspitze*, 13/vii ; *Sorapis*, 17/vii. All guideless.

1911. *Antelao* ; *Piz Popena* by the S. ridge, both with Woolley, guideless ; *Elferkofel* with E. F. Pilkington ; *Ankogel*.

British Isles.

1869. *Pillar Rock.*

Climbed regularly in the Lake District in the seventies with L. Pilkington, G. E. Hulton, F. Gardiner and others and attended the informal Easter 'Meets' organized by Hulton (q.v.) and Gardiner from 1875–83 (ix. 221, xxv. 50–1).

1880. Skye : with L. Pilkington made the 1st complete ascent of the N. or Pinnacle ridge of *Sgurr nan Gillean* (Abraham, 16) ; ascended *Blaven* by the W. face and made the 1st ascent of the '*Inaccessible Pinnacle*' of *Sgurr Dearg*, 18/viii (x. 111 ; Abraham, 177. See 1887).

1882. Made the 1st ascent of *Scafell* by Deep Ghyll with L. Pilkington and G. E. Hulton (xxv. 50 ; F.R.C.C.J. i. 199).

1887. Skye : with J. Heelis and Horace Walker *Bidean Druim nan Ramh*, 1st ascent from the N. ; traverse of *Sgurr Tearlach*, *Sg. Alastair* and *Sg. Sgumain* (1st ascent by N. buttress, Abraham, 268) ; 2nd ascent from the W. of the *Inaccessible Pinnacle* and 1st ascent of *Sg. Mic Choinnich* (Abraham, 193) ; ascended *Sgurr Greadaidh* and traversed *Sg. Mhadaidh* ; and made 1st ascents of *Clach Glas* and *Sg. na Uamha*.

He read a paper before the Club on these expeditions, those of G. E. Hulton's (q.v.) party in 1883 and the visit of 1880, 'The Black Coolins', xiii. 433. It was illustrated by a number of his own water-colour sketches, and a large map constructed by himself, the first one ever made of the range (xiii. 495).

1890. Skye : see C. T. Dent.

Wrote a paper 'Sgurr Alasdair', S.M.C.J. i. 139, describing various routes up that peak and Sg. Sgumain.

1892. Lake District : *Napes Needle* with W. C. Slingsby, G. A. Solly, G. P. Baker, W. A. Brigg, Horace Walker, R. W. Brant, and H. C. F. M. Schintz ; the *Needle Ridge* with the three last mentioned, F.R.C.C.J. i. 235. Scotland : 1st ascent of *Suilven* by W. face of the Grey Castle with Walker (Letter from Walker, S.M.C.J. iv. 133 ; cf. ix. 139. Cf. p. 280, below).

Presidential Address, xix. 285–98 : read a paper before the Club 'Fifty Years of the Alpine Club' [1857–1907], xxiv. 15–29. Wrote the chapters on 'Climbing without Guides' and 'Hill Climbing in the British Isles' in the volume on 'Mountaineering' in the Badminton Library of Sports and Pastimes. Read a paper before the Y.R.C. on 'Mountaineering without Guides', of which the conclusion is printed, Y.R.C.J. i. 38–40. Wrote In Memoriam Notices of F. D. Brocklehurst (xxiii. 54) ; Horace Walker (xxiv. 92) ; G. E. Hulton (xxv. 50) ; Miss Lucy Walker, xxxi. 101.

Was a skilful draughtsman (see xi. 245) and water-colour artist. Exhibited at the 1893 Exhibition (xvii. 81).

Right Hon. Sir Frederick Pollock, Bart.

(Dec. 1867, C. 1881–4 ; L. 1881–94)

Born 10 Dec. 1845. Son of Sir William Frederick Pollock, Queen's Remembrancer (D.N.B.), and Juliet, d. of Rev. Henry Creed, Vicar of Corse. Succeeded his father as 3rd Bart., 1888. Brother of W. H. Pollock.

Married 1873 Georgina Harriet, d. of John Deffell of Calcutta.

Educated Eton and Trinity College, Cambridge (Scholar 1864) ; Pitt Scholar, 1865. Brown Medal for Latin Epigram, 1866. Senior Optime, 2nd Classic and 1st Chancellor's Medallist, 1867.

Fellow of Trinity College, 1868–73 ; Honorary Fellow, 1920 ; Examiner in the Law Tripos, 1879–81, 88.

Barrister (Lincoln's Inn), 1871. Professor of Common Law in the Inns of Court, 1884–90. Editor of the Law Reports from 1895 ; Bencher of Lincoln's Inn, 1906. Judge of the Admiralty Court of the Cinque Ports from 1914. K.C., 1920.

Professor of Jurisprudence, University College, London, 1882–3. Corpus Professor of Jurisprudence, Oxford University,

and Fellow of Corpus Christi College, 1883–1903. Examiner in Jurisprudence, 1881–3, 85, 89–91. Honorary Fellow of Corpus, 1906.

Member of the Royal Labour Commission, 1891–4. In the summer of 1892 went to Trinidad as a member of the Judicial Inquiry Commission held in that Colony (cf. xvi. 349). In the winter of 1893–4 delivered the Tagore Law Lectures in Calcutta. Contested Glasgow and Aberdeen Universities as a Unionist Free Trader, Jan. 1910. Chairman of Royal Commission on Public Records, 1910. P.C., 1911.

Corresponding member of the Institute of France, 1894; Fellow of the British Academy, 1902. Honorary LL.D. of Edinburgh, Dublin, and Paris (1919) Universities. On the Committee of the London Library.

Author of 'Principles of Contract' (1876, 9th edn., 1921); 'Leading Cases done into English' (1877, reissued with other matter, 1892); 'Digest of the Law of Partnership (1877, 11th edn., 1920); 'Spinoza, his Life and Philosophy' (1880, 2nd edn., 1899); 'The Land Laws' (English Citizen Series, 1882, 3rd edn., 1895); 'Essays in Jurisprudence and Ethics (1882); 'The Law of Torts' (1887, 12th edn., 1923); 'Oxford Lectures and other Discourses' (1890); 'Introduction to the History of the Science of Politics' (1890, 4th edn., 1902); 'The Law of Fraud in British India' (Tagore Law Lectures, 1894); 'A First Book in Jurisprudence' (1896, 3rd edn., 1911); 'The Expansion of the Common Law' (1904); 'Commentary on the Indian Contract Act' (1905, 5th edn., 1925); 'Il concetto e lo Studio della storia del diritto comparato' (No. 9 of the 'Atti' of the Congresso Internazionale di Scienze Storiche, 1904); Introduction and Notes to Maine's 'Ancient Law' (2nd edn., 1908); 'The Genius of the Common Law' (Columbia University Lectures), 1912; 'A First Book of Jurisprudence' (5th ed., 1923); 'The League of Nations' (1920, 2nd ed., 1923); 'Essays in the Law' (1922).

Joint Author (with Mr. Justice Robert Samuel Wright) of 'Possession in English Law', 1888; with Frederic William Maitland of 'A History of English Law before Edward I' (1895, 2nd edn., 1898); (with Ella Fuller Maitland) 'the Etchingham Letters' (1899).

Contributed to the 'Encyclopædia of the Laws of England'; 'Encyclopædia Britannica', articles on Tort and Sword in 9th

edn.; Contract, Torts, Sir Henry Maine and Sir J. F. Stephen, 10th edn.; the 'Cambridge Modern History', &c.

Q. Alpine.

1867. 1st passage of the *Fenêtre du Tour*, with W. H. Pollock, 2/ix (iv. 60).

1868. 3rd ascent, by a new route from the SW., of the *Berglistock*, 26/viii; attempt on *Gspaltenhorn*, 4/ix; 3rd ascent and new descent of *Klein Schreckhorn*, 7/ix (iv. 156–7); *Eiger*.

1869. *Monte Rosa* with D. W. Freshfield, q.v. (Ratti, p. 76, note; xxxi. 343) and T. H. Carson.

1872. See W. Leaf.

1886. With A. J. Butler made a new descent of the *Wilde Freiger* to the Pfaffennieder, 10/viii (xiii. 127. This route was taken by Ludwig Purtscheller in 1887; see E. ii. 400).

1892. Ascended *Tutuche* the highest mountain in Trinidad (3,100 ft.), 7/vi. He read a paper before the Club on the expedition, xvi. 349.

1885. Read a paper before the Club on 'The Alpine Club Library', xii. 425.

Wrote 'The Early History of Mountaineering' in the Badminton volume on Mountaineering (see C. T. Dent); and In Memoriam notices of Peter Rubi (reprinted from *St. James's Gazette*), x. 78, and Sir L. Stephen (Independent Review, June 1904).

Walter Herries Pollock

(Dec. 1867, resigned 1897)

Born 21 Feb. 1850, London. Brother of F. Pollock (q.v.).

Married 1876 Emma Jane, d. of Colonel Pipon, Seigneur de Noirmont, Jersey.

Educated Eton and Trinity College, Cambridge; 3rd Class in the Classical Tripos, 1871.

Barrister (Inner Temple), 1873, but soon abandoned Law for Literature and Journalism. Assistant Editor and, 1883–94, Editor, of the *Saturday Review*.

Author of the 'Modern French Theatre' (1878); 'Lectures on French Poets' (1879, republished from lectures given at the Royal Institution); 'The Paradox of Acting' (a commented translation of Diderot's 'Paradoxe sur le Comedien', 1883);

'Songs and Rhymes, English and French' (1882); 'The Picture's Secret', a novel (1883); 'Verse of Two Tongues' (1884); 'A Nine Men's Morrice', stories collected and recollected (1889); 'King Zub and other stories' (1893); 'Jane Austen, her Contemporaries and Herself' (1889).

Joint Author (with Juliet Lady Pollock and Mrs. W. K. Clifford) of 'The little People and other Tales' (1874); (with Alexander James Duffield) 'Masston' (1877); (with Andrew Lang) 'He' (1887); (with Juliet Lady Pollock) 'The Seal of Fate' (1891); (with Sir Walter Besant) 'The Charm' and other Drawing-room Plays (1896); and 'The Ballad-Monger' (stage version of Theodore de Banville's 'Gringoire').

Editor and Part Author of 'Fencing' in the Badminton Library (1889).

Q. Alpine.

1867. See F. Pollock.

Sigmund Porges

(Dec. 1874, res. 1915)

Doctor of Laws, Vienna. No further information.

Q. Alpine.

Member of Austrian A.C.

1856. After an attempt (defeated by a storm, 21–22/vii), ascended the *Jungfrau* from Grindelwald, 31/vii, 1/viii; he dismissed his other guides and descended the Aletsch glacier with Christian Almer alone; spent the night 'near the Aletsch Glacier'. Reached the Grimsel after 15 hours' walking, 2/viii; returned to Grindelwald, 3/viii. Ascended the *Wetterhorn*, 16/viii (Chr. Almer, 32, 38; Studer, i. 154).

1856 or 57. *Monte Rosa*, 9/vii (Chr. Almer, 52; xxxi. 222, 316).

1857. Made the 1st ascent of the *Mönch*, 15/viii (left Grindelwald, 13/viii), spent three nights out, ascent by NE. and E. arête, a route never repeated (i. 83, xiii. 265; Chr. Almer, 48; Studer, i. 198).

With J. R. Campbell (vol. i) made the 4th passage (1st complete passage from Grindelwald to the Grimsel) of the *Lauteraarsattel*, 22/viii (i. 60, xvii. 115; Studer, i. 229).

1861. 2nd ascent of the *Eiger*, 27/vii (Studer, i. 295 ; Moore, 318).

1876. *Mont Blanc* by Mt. Blanc glacier, descent by Cols de l'Aiguille du Midi and du Geant, 12/vii (C.A.I. Boll. xiii. 580 ; N.A.P. iv. 396 ; see also viii. 255).

1877. *Cimon della Pala*, 4th ascent, with W. E. Utterson Kelso (E. iii. 406 ; Agordo section papers, 1878, p. 11).

1878. *Zwölferkofel*, 3rd ascent (E. iii. 518).

1884. Norway (O.A.Z. vii. 22).

It is noteworthy that all his entries in Almer's 'Führerbuch' are in English.

William Potter

(Dec. 1873, res. 1880)

Born 27 Sept. 1835. Son of William Potter, head of the firm of Taylor Potter & Co., shipbuilders, Liverpool, and Anne, d. of John Livingston of Liverpool.

Married 1859 Eliza Jane, d. of Rev. T. F. Redhead, Vicar of Rock Ferry, Cheshire.

Educated Liverpool College and (after travelling in France and Germany) Trinity College, Dublin.

Studied Medicine in Dublin and Liverpool for two years, but then decided to go to the Bar.

Barrister (Inner Temple), 1861. Northern Circuit. Practised in Liverpool with great success, especially in commercial and admiralty cases and arbitrations. Q.C. 1880 : after which he lived mainly in London, and obtained a good practice at the Parliamentary Bar. Bencher, 1881. Master of the Northern Bar Lodge of Freemasons.

Contested E. Northamptonshire as a Conservative, 1892.

Died 5 Dec. 1893. (*The Times.*)

Q. Alpine.

1871. *Jungfrau*, 16/ix (Joh. Fischer).

John Henry Pratt

(Feb. 1873, d.m. 1878)

Born 3 Nov. 1849, London. Son of Rev. Josiah Pratt, Vicar of St. Stephen's, Coleman Street.

Educated Haileybury and Trinity College, Cambridge (Scholar).

Bell Scholar, 1869. Browne University Scholar, 1871. Senior Classic and 2nd Chancellor's Medallist, 1872. Fellow of Trinity College, 1873.

Assistant Master at Harrow, 1872–8.

Joint Editor with W. Leaf of 'The Story of Achilles' from Homer's Iliad.

Drowned while bathing in the Lake of Como, 31 Aug. 1878 (ix. 118–19).

Q. Alpine.

1872 and 1875. See W. Leaf.

1873. Attempt on *Mont Blanc* by Miage glacier (xxxii. 101).

1874. See G. W. Prothero.

1878. *Piz Morteratsch*, 2nd ascent by Prof. B. Minnigerode's route from the Tschierva glacier, with L. N. Walford, *c.* 20/viii (x. 100; Studer, iii. 164–5; Bernina C.G. ii. 103).

Herbert Preston-Thomas

(March 1866, d.m. 1909)

Born 4 June 1841. Son of Rev. J. Thomas of Great Bedwyn. Married.

Educated Marlborough.

Clerk in the Privy Council Office, 1859. Worked under Sir J. Simon (vol. i) in the Medical Department, 1866–71, and continued to do so after the Medical Department had become a part of the newly created Local Government Board (1871), till Simon's retirement, 1876. Remained in the service of the Local Government Board till 1894, working on matters connected with public health.

In the meantime he had become soon after coming to London a member of the Committee of the Charity Organization Society in St. Giles's, and later was a rent-collector for Miss Octavia Hill. In 1872 visited Elberfeld, and wrote an account of the system of Poor Relief in force there for the *Morning Post*; cf. 'Work and Play' (see below), ch. xiii, and published 1888, a translation of P. F. Aschrott's work on the English Poor Law system (2nd edition with additions and chapter on Old Age Pensions, 1902). See 'Work and Play', ch. xxi.

He was thus well versed in Poor Law Administration, and readily accepted the post of General Inspector under the Local

Government Board: held it for the Eastern District (Norfolk, Suffolk, Essex), 1894–6; for the South-Western District (Somerset, Devon, Cornwall), 1896–1908, being granted a two years' extension of service beyond the ordinary age (65) of retirement. In 1904 he carried out an inquiry into the Swiss Vagrancy Laws, and was the official witness of the Local Government Board before the Vagrancy Committee. ('Work and Play', ch. xxxi, pp. 345–54).

C.B., 1908. J.P. for Devonshire, 1908.

Quite early in his career he began writing; sent a story to Thomas Hood's *Saturday Night*, and a few contributions to *Chambers's Journal* and *Once a Week*; collaborated with Sir Arthur Helps (his official chief) in 'The Life of Columbus' (1869). Joint author with John Henry Ponsonby of 'Cricketers in Council', by Thomsonby (1871). In Sept. 1870 he sent to the *Morning Post* a letter entitled 'The Barmaid Show' (reprinted in 'Work and Play', pp. 28–34), which, combined with a previous communication of a more serious character, led to his becoming a leader writer for that paper, 1870–94; he also occasionally acted as theatrical critic for the *Observer*, and wrote a few musical critiques; contributed numerous articles to *Blackwood's Magazine*; wrote a series of articles in the *Economist*, 1891, on the taking over by the County Council of the London water supply, and from time to time presented in a popular form the views of his department on matters of public interest, e. g. the case for vaccination (*National Review*, 1889), the objections to maritime quarantine against cholera (*The Times* articles, 1892). A series of *Morning Post* articles on the effect of agricultural depression on the clergy were republished under the title of 'The Church and the Land'.

In 1909 he published his autobiography, 'The Work and Play of a Government Inspector'. The play (sometimes combined with journalism) includes—besides climbing—visits to Oberammergau in 1870 and 1900, to the Buda Pesth Exhibition of 1885 (with excursions to Bad Schmecks in the Tatra, the great ice-cave of Dobschau, and Transylvania), and to the wine-growing districts of the Gironde.

Died 22 Dec. 1909. ('Who's Who'; *The Times*.)

Q. Alpine.

1861. 1st visit to the Alps; *Theodule* ('Work and Play', p. 76).

1864. *Oberaarjoch* and *Finsteraarhorn* with Clifford Wigram, 2/viii (xxxii. 224); *Monte Rosa*; *Schwarzberg Weisstor* ('Work and Play', ch. ix).

1866. With J. D. Finney and F. A. Lewin, 1st ascent (and traverse) of *Corno di Dosdé*, descent by *Passo di Corno*, 8/ix; 1st ascents of *Corno di Campo*, 11/ix; and W. (lower) peak of *Corno di Lago Spalmo*, 12/ix (see xix. 225). Notes by him, ii. 407–9; Studer, iii. 243–5; 'Work and Play', 89–93.

1869. 1st traverse from the S. of the *Bristenstock* (vi. 337; Todi C.G., p. 9).

1873. *Grosse Windgälle*, E. summit.

1874. Repeated this ascent with J. Sowerby, J. E. Bode, F. Morshead, and J. Noon, but failed to reach the W. (higher) summit (vii. 266).

Wrote In Memoriam notice of Sir William Hardman, xv. 281. It may be assumed that Preston-Thomas himself supplied the reports of the Winter Dinner in the *Morning Post* there referred to. Reviewed J. A. Symonds's 'Our Life in the Swiss Highlands', xvi. 196 (cf. 'Work and Play', 309–11).

He also gives in 'Work and Play' accounts of a very narrow escape on the Glacier des Bossons (pp. 93–6); of travel in Tyrol, with an ascent of *Monte Cristallo* (ch. xi); and of a meeting of the Appenzell Landesgemeinde (pp. 316–20). An article, 'Mountaineering Memories', in *Blackwood's Magazine*, July 1895, is reproduced, with some abridgement, in 'Work and Play'. He also wrote Jubilee Articles on the Club in *Blackwood's Magazine*, Aug. 1907, and the *Graphic*, 14 Dec. 1907.

Arthur Octavius Prickard

(Dec. 1866)

Born 17 April 1843. Son of Thomas Prickard of Dderw, Rhayader, and Maria Maud, d. of Thomas Morris of Llanstephen.

Married 1876 Frances Emma, d. of Rev. James Drummond Money of Stodham Park.

Educated Winchester and New College, Oxford (Scholar). 1st Class in Classical, 3rd Class in Mathematical Moderations, 1863; 2nd Class in Literae Humaniores, 1865. Chancellor's Prize for English Essay (on 'Autobiography'), 1866; Latin Essay (De Scenicâ Poesi Romanorum), 1867. Fellow of New College, 1866–1904. Fellow of Winchester College, 1874–1903.

Barrister (Lincoln's Inn), 1872.

Tutor of New College, 1873–8 ; Lecturer, 1873–1904. Classical Moderator, 1874–6, 80–1.

F.R.G.S., 1893.

Author of ' New College ' in College Monographs (1906) ; and the chapter on ' Life in Commoners ' in ' Winchester College, 1393–1893 ', by old Wykehamists. Editor of Aristotle's ' Art of Poetry ', Aeschylus' ' Prometheus ' and ' Persae '. Editor and translator of ' Longinus on the Sublime ' (2 vols., 1906).

Q. Alpine.

One of the founders of the Climbers' Club, C. 1899–1903.

1865. *Mont Blanc*, 4/ix.

1872. *Strahlegg* pass from Grindelwald to the Abschwung, returning by *Lauteraarjoch*, *c.* 24/viii (Almer, 173).

1874. 1st passage of the *Lonzajoch* with A. F. Leach and W. E. Sackville West, 17/vii (Bernese C.G. i. 81 ; Studer, i. 387).

1875. See Schutz Wilson, pp. 232–5. Prickard seems to be the ' Magnus Gower ' of Schutz Wilson's narrative ; he certainly crossed the *Eigerjoch* with F. Morshead, 15/viii (W. E. Davidson's diary). He also ascended the *Matterhorn* with F. M., 27/viii (perhaps also with Schutz Wilson (q.v.), but I doubt this).

Wrote a paper on ' The Rhinogs and the Passes of Ardudurz ' (1901), C.C.J. iii. 97, and a letter on ' Bog Fires ', ibid., iv. 209 ; In Memoriam notices of H. B. George, xxv. 530 ; F. Morshead, xxviii. 186 ; Melchior Anderegg, xxix. 56.

Sir Henry William Primrose

(Feb. 1873, resigned 1877)

Born 22 Aug. 1846. Son of Hon. Bouverie Francis Primrose, C.B., and Frederica Sophia, d. of 1st Viscount Anson ; grandson of 4th Earl of Rosebery.

Married 1st, 1888, Helen Mary, d. of Gilbert McMicking, J.P., of Meltonise, Wigtonshire, and widow of Richard Denman and J. Montgomery Walker ; 2nd, 1922, Anna Elizabeth, d. of John Booth Dickenson of Penistone.

Educated Trinity College, Glenalmond, and Balliol College, Oxford. 2nd Class in Classical Moderations, 1867 ; 2nd Class in Law and History, 1869. Rowed in the Balliol Crew in the Fours, 1868.

Entered the Treasury, 1869. Private Secretary to the Viceroy of India (Lord Ripon), 1880–4 ; to W. E. Gladstone, 1886, when he was understood to have drafted the financial proposals for the Home Rule Bill. Secretary to H.M. Office of Works, 1886–95, Chairman of the Board of Customs, 1895–9. Chairman of the Board of Inland Revenue, 1899–1907, when he retired from the service. Chairman of the Pacific Cable Board, 1907–12. Member of the Royal Commission on the Civil Service, 1912. Member of Lord Loreburn's Commission on Railways, 1912–14 ; its labours were cut short by the War. Chairman of the Welsh Church Commission, 1914. During the War he was Chairman of the Sugar Commission, and he was a member of Sir John Bradbury's Committee on the reduction of staffs in Government Departments, 1918. A Director of the Railway Passengers' Assurance Co.

K.C.B., 1899. P.C., 1912.

Author of a ' History of Currency in the British Isles '.

Died 16 June 1923. (' Who's Who ' ; *The Times*.)

Q. Alpine.

Chevalier Luigi Gottardo Prina

(Dec. 1873, resigned 1888)

I have failed to obtain any information with regard to this member.

Q. Alpine.

Member of S.A.C., section Bern, 1871 ; C.A.I., section Turin, 1871 ; joined Varallo section, 1872 (see C.A.I. Boll. vii. 213). For several years a Director of the section and Delegate to the Sede Centrale (see ibid., x. 110, 114, 239 ; xii. 267 ; xv. 436).

1871. *Turlo* pass, 26/vii ; *Monte Moro* pass and *Joderhorn*, 27/vii ; *Schwarzberg Weissthor* and *Cima di Jazzi*, 28/vii ; *Theodule*, *Breithorn*, *Cimes Blanches*, 29/vii ; *Betta Furka* and *Col d'Ollen*, 30/vii. He wrote a paper on the tour, C.A.I. Boll. v. 347.

1872. Started from Alagna to make a new pass to Zermatt, 17/vii ; weather forbidding this, made a small glacier pass (a little N. of Colle della Pisse) to Gressonay, 18/vii. *Theodule* pass and *Klein Matterhorn*, 20/vii ; *Lysjoch*, 22/vii. Later returned to Zermatt viâ *Griespass* and Rhone valley (going up the *Eggischhorn*, 25/viii) ; crossed the *Zwillingsjoch*, 28/vii. He wrote a

paper, 'Il Soggiorno d'Alagna in Valsesia', C.A.I. Boll. vi. 255–72, on the walks, passes, and climbs (*Corno Bianco*, &c.) in the neighbourhood; and another, ibid., pp. 272–9, on his Alpine doings during the season.

1874. Made the 1st passage of the *Piodejoch* or *Ippolyta* pass, 4/ix (long Note by him, vii. 321; paper, C.A.I. Boll. ix. 272). See ibid., 1892, p. 51, and S.A.C.J. xi. 534.

1887. Exhibited some pictures at the Winter Exhibition (xiii. 463).

1873 or 1874. Made an ascent of *Vesuvius*, 29/iii, on which he wrote a paper.

Author of 'Pochi giorni nelle Alpi' (see Boll. vii. 198).

Sir George Walter Prothero, K.B.E.

(Feb. 1874, C. 1903–5, V.P. 1907–9, d.m. 1922)

Born 14 Oct. 1848, Clifton on Teme. Son of Rev. George Prothero, Canon of Westminster, Chaplain in Ordinary to Queen Victoria, and Emma, d. of Rev. William Money-Kyrle of Homme House, Herefordshire. Cousin of F. T. E. Prothero.

Married 1882 Mary Frances, d. of Right Rev. Samuel Butcher, D.D., Bishop of Meath.

Educated Eton and King's College, Cambridge (Scholar). Bell Scholar, 1869; 6th Classic, 1872. Captain of the College Boat Club, 1870–1.

Assistant Master at Eton, 1872–3. Student at Bonn University, 1873–4. Lecturer under the University Extension Scheme at Nottingham, Leicester, &c.

Lecturer (1876) and Tutor (1878), Senior Tutor, 1881–92, at King's College, Cambridge; University Lecturer in History, 1884–94; Examiner in Classical Tripos, Part II, 1883; in History Tripos, 1877–8, 1883–4, 1889–90.

Professor of History at Edinburgh University, 1894–9.

Editor of the *Quarterly Review*, 1899–1922.

Fellow (and Vice-President) of Royal Society of Literature; of Royal Historical Society (President, 1901–5); of British Academy, 1903; of Navy Records Society (Vice-President).

Corresponding Member of Massachusetts Historical Society. Hon. LL.D. of Edinburgh and Harvard Universities. Member of Société d'Histoire Moderne (Paris).

Rede Lecturer at Cambridge, 1903; Lowell Lecturer at Boston,

and Schouler Lecturer at the Johns Hopkins University, Baltimore, 1910; Chichele Lecturer at Oxford, 1915.

Member of the Royal Commission on Ecclesiastical Discipline, 1904–6.

Editor of the 'Cambridge Historical Series' (from 1894); one of the Editors of the 'Cambridge Modern History' from 1901.

Superintended the English translation of L. von Ranke's 'Weltgeschichte', and personally translated the second half of vol. i (1883).

Author of 'Life and Times of Simon de Montfort' (1877); 'Memoir of Henry Bradshaw' (1888); 'Select Statutes and other documents illustrative of the Reigns of Elizabeth and James I' (1894, 2nd ed. 1898); Memoir of Sir J. R. Seeley prefixed to 'Growth of British Policy' (1895), of which he was Editor; 'British History Reader' (2 vols., 1898); Articles on Henry I, Henry II, Henry III, Reginald Pole, Richard I, II, and III, Richard, Earl of Cornwall, Star Chamber, Earl of Warwick, William I, II, III, and IV, and Sir William Temple in 'Encycl. Brit.', 9th ed.; 'A School History of Great Britain and Ireland' (1912); 'German Policy before the War' (1916).

Wrote two pamphlets for the Central Committee for the National Political Organization, one on 'Our Duty and Our Interest in the War', the other a 'Conversation' on a lasting peace, showing the necessity of rejecting proposals for a peace without victory, intended primarily for the American public (1917). In May 1917 he was appointed General Editor of the series of Hand-books planned by the Admiralty and the F.O. for the use of British negotiators at the Peace Conference which was then thought to be much nearer at hand than it actually was. He at once entered upon his duties, in the Intelligence Division of the Admiralty, and carried them on later as Director of the Historical Section of the F.O., which arose out of the Hand-book scheme, in Feb. 1918. In Jan. 1919 he was summoned to Paris, to place his historical knowledge at the service of the British Delegation in matters concerning especially the establishment of new States.

K.B.E., 1920.

Died 10 July 1923. (*The Times*; M. and W., &c.)

Q. Alpine.

Member of S.M.C., 1895.

1874. 1st ascent of *Monte Rosa* from the Zumstein, or Grenz-Sattel, by SE. arête, with F. T. Pratt Barlow (q.v.), 31/viii; *Matterhorn*, 28/viii (xxxii. 101); 2nd passage of the *Jägerjoch*, 4/ix (xxvii. 105), both with J. H. Pratt.

1876. Traversed the *Matterhorn*, 16/viii. (There is some confusion in the reference to his two ascents in R.M. i. 47.) *Riffelhorn* from the Gorner glacier in search of an improved route, with M. Cannon and W. E. Davidson (q.v.), 21/viii.

1888. *Breithorn*, new route by NW. arête, with an improved route to *Klein Matterhorn* pass, 27/vii (xiv. 152; E. Pennine C.G. 6); *Dom*, 3rd or 4th ascent by E. face, —/viii (xv. 110, xviii. 289).

1890 and 1891. See W. Leaf.

1893. See W. Leaf. Prothero also made the 1st ascent of *Piz Tavrü*, 15/ix (xvi. 520, xvii. 231).

Wrote an In Memoriam notice of A. J. Butler, xxv. 436.

Alfred Dale Puckle

(May 1873, d.m. 1911)

Born 1836. Son of George Puckle of Denmark Hill. Brother of W. B. Puckle.

Member of the London Stock Exchange.

Died 16 Jan. 1911, in his 75th year.

Q. Alps and Norway.

Member of N.T.F.

1872. *Mont Blanc* with W. B. Puckle, 25/viii.

1874. *Matterhorn*, 21/viii.

1875. With W. B. Puckle, 2nd ascent from Saas, and 1st by the E. face, of the *Dom*, 3/ix (vii. 324, xv. 101).

Norway: *Riings skar*, 2nd (?) passage (N.T.F.A. 1881, p. 99), some time in the seventies.

1897. *Col du Clot des Cavales*; *Brèche de la Meije*, *c.* 10/viii (S.T.D. Ann., 1897, pp. 85, 89); *Monte Viso*, 21/viii (R.M., 1898, p. 217).

Wrote an In Memoriam notice of Johann Petrus, xi. 104.

Walter Bridge Puckle

(Feb. 1874, resigned 1903)

Born 1847 or 48. Brother of A. D. Puckle (q.v.).
Married 1887 Helen Elizabeth, d. of Charles White of Hornsey.
Member of the London Stock Exchange.
J.P. for Middlesex.
Died 5 June 1921, in his 73rd year.

Q. Alpine.
1872 and 1875. See A. D. Puckle.

Warren Pugh

(June 1865, resigned 1868)

Born 21 Oct. 1835. Son of C. Pugh.
Educated Marlborough.
Clerk in the Chancery Registrars' Office of the High Court of Justice ; a Registrar, 1885–1902.
Died 9 Feb. 1921

Q. Alpine.
1863. *Col d'Herens* ; *Adler* pass ; *Alphubeljoch* ; *Monte Rosa* ('Alpina', 1915, p. 116).
1872. *Mont Blanc*, 2/ix. He wrote a Note on this expedition in connexion with the fatal accident of 14/ix/1873 to M. Fedchenko (vi. 307).

George Gilbert Ramsay

(April 1876, d.m. 1921)

Born 1 July 1839. Son of Sir George Ramsay, Bart., of Bamff (D.N.B.) and Emily Eugenia, d. of Captain Henry Lennon. Brother of Sir J. H. Ramsay (vol. i).
Married 1865 Gertrude Schuyler, d. of Robert Graham of Brookaby, Ayrshire.
Educated Rugby and Trinity College, Oxford ; 1st Class in Classical Moderations, 1859 ; 1st Class in Literae Humaniores, 1861.
Soon afterwards went to help his uncle, Professor William Ramsay (D.N.B.), at Glasgow, and on his uncle's retirement in

1863 succeeded him as Professor of Humanity at Glasgow University, 1863–1906.

Hon. LL.D. Glasgow and Aberdeen Universities ; Hon. Litt.D., Dublin.

A keen politician, at first on the Liberal side, and after the split in 1886 as a Unionist ; was long in request as a forcible and effective platform speaker. For many years Chairman of the School Board of his Highland parish. A fluent if not very accurate linguist in several tongues, and an ardent traveller ; visited South Africa just after the Jameson raid. Well known as a golfer, a skater, a dancer of reels, and a pedestrian. Took a prominent part in the starting of the Classical Association in Scotland and was its first president.

Author or Editor of Selections from Tibullus and Propertius (1887) ; Manual of Latin Prose Composition (4th ed., 1897) ; Annals of Tacitus (Translation with Introd., Notes, &c.), i–vi, 1904, xi–xvi, 1909 ; Histories of T., 1915 ; Translations of Juvenal and Persius for the Loeb Library, 1918.

Director of the Scottish Amicable Life Assurance Society.

Died 8 March 1921. ('Who's Who' ; *The Times* ; In Memoriam, S.M.C.J. xvi. 23.)

Q. Alpine.

Member of S.M.C. (see below).

1869. *Monte Rosa* with Sir J. H. Ramsay, 23/vii (O.V.B.).

1872. With Sir J. H. Ramsay and A. C. Vesey, *Piz Corvatsch* ; with Sir J. H. R. and J. H. Fox, *Fuorcla Chapütschin*, *Passo Tremoggia*, and *Forcella d'Entova* to Chiesa, 26/viii ; *Passo di Cornarossa*, 28/viii ; *Bocca di Remolussa*, 29/viii ; traversed *Monte Sissone* to the Forno glacier, 30/viii (xxxiv. 68–77 ; cf. Fox, ' Holiday Memories ', pp. 75–8).

1866. With Professor John Veitch and another formed the ' Cobbler Club ', its objects being ' to climb the Cobbler and any other worthy hill that could be reached in a Saturday expedition from Glasgow ' (S.M.C.J. iii. 180, iv. 84 : all references below are to S.M.C.J.).

One of the principal founders of the S.M.C. ; presided at the meetings of 11/ii and 11/iii/1889 ; first President, 1889–92 (and later served as V.P. 1893–5, C. 1896–9). Present at the first informal ' Meet ' of the Club at Lochearnhead, with H. T. Munro, G. Thomson, and others, 6, 7/iv/1889 (iv. 90).

1890. Paper on an 'Ascent of Ben Alder' (23/v, with H. T. Munro), i. 135.

1891. At the 1st and 2nd formal Club-Meets (27–9/ii and 26–9/iii), i. 236–7, iv. 90. Ascended the '*Whangie*', 12/xii (the day after the Club dinner), with A. E. Maylard, H. T. Munro, W. W. Naismith, G. Thomson, and Horace Walker (ii. 12).

1895. Made the 2nd recorded ascent of *Suilven* by the W. face of the Grey Castle, 26–8/viii. He wrote a paper on the expedition, iv. 23; cf. iv. 133; S.M.C. Guide, ix. 139.

Also wrote the 6th and concluding article on 'The Rise and Progress of Mountaineering in Scotland', iv. 1–15; a paper on the Formation of the S.M.C., iv. 73–91; and an In Memoriam Notice of Professor John Veitch, iii. 175.

Sir Francis Savage Reilly

(April 1865, d.m. 1883)

Born 4 Feb. 1825, Dublin. Son of James Miles Reilly of Cloon Eavin, Co. Down, and Emilia Georgiana Susanna, d. of Rev. Hugh Montgomery of Grey Abbey.

Educated Trinity College, Dublin (Foundation Scholar); B.A., 1847.

Barrister (Lincoln's Inn), 1851. Practised as a parliamentary draughtsman at Westminster and secured a large practice both in public and private legislation.

Secretary to the Commission of Inquiry into the Law and Practice of Bankruptcy. Acted as Assessor to Lord Salisbury and Lord Cairns in the London, Chatham, and Dover Railway Arbitration; to Lord Cairns in the Albert Life Assurance Company Arbitration, 1871–3; to Lord Westbury and Lord Romilly successively in the European Assurance Society Arbitration, 1872–9.

Q.C., 1882. Appointed Counsel to the Speaker of the House of Commons, 1882.

Died unmarried 27 Aug. 1883.

Q. Alpine.

Published an English translation of J. M. Ludwig's 'Guide to Pontresina and its Neighbourhood' (1876, reviewed, viii. 55; 2nd ed., 1879, ix. 312).

Henry Tull Rhoades

(June 1864, resigned 1884)

Born 17 April 1837. Son of Rev. James Peter Rhoades, Rector of Clonmel, and Philadelphia Palmer Tull.

Married 1865 Jane Margaret Ferrier, d. of James Frederick Ferrier, Professor of Moral Philosophy and Political Economy at St. Andrews (D.N.B.).

Educated Rugby and University College, Oxford (Scholar); B.A., 1860.

Warden of St. Leonard's Hall (the College Hall instituted by J. D. Forbes) at St. Andrews, 1861–5 (Forbes, 'Life', 411, 413). Assistant Master at Clifton, 1865–7; then settled at Bonchurch, Isle of Wight, where he took private pupils till 1875.

Head Master of the Lower School of Lawrence Sheriff, Rugby, 1878–90; Assistant Master at Rugby, 1890–1902.

Died at Rugby, 9 June 1922.

Q. Alpine.

Charles Robert Ricketts

(Dec. 1870, resigned 1874)

Born 9 Oct. 1838, London. Son of Edward Woodville Ricketts, Clerk in the Treasury and private secretary to Lord Liverpool.

Married.

Educated at Sillig's School at Vevey.

Was a Lieutenant in the Royal Marine L.I., and served on H.M.S. *London* in the Mediterranean. After his retirement studied painting with Diday at Geneva.

Artist. Exhibited Sea Pieces at the Royal Academy, 1870, 71, 73, and 74.

Died 29 June 1883.

Q. Alpine and Artistic.

William Bennett Rickman

(Feb. 1874, resigned 1875)

Born 1846. Son of Caleb Rickman of Stockwell, Surrey.

Married 1884 Mary Stewart, d. of Andrew Murray, C.B.

Barrister (Inner Temple), 1872. South-Eastern Circuit. Later resided at Uckfield, Sussex.

Died 7 June 1916, in his 71st year.

Q. Alpine.

1871. Tour of Mt. Collon by *Cols de Chermontane, de l'Evêque,* and *de Collon* ; *Aiguille de la Za* ; 1st ascent of the *Dent Perroc,* with A. B. Hamilton (q.v.), 31/viii (vi. 27).

1872. *Col du Mont Brulé,* returning to Arolla by *Col des Bouquetins,* and 1st passage of *S. Col. des Dents de Bertol,* 2/vii (vi. 145) ; *Ruinette* traversed (Arolla C.G. 62, 66 ; O.V.B.), both with Hamilton ; *L'Evêque* (Arolla C.G., p. 87) ; 1st ascent of *Petit Mont Collon* (Arolla C.G., p. 71 ; Pennine C.G., p. 32).

1873. *Mt. Collon* ; *Mt. Blanc de Seilon* ; *Col de Bertol* and by upper neve of *Ferpecle* glacier to Arolla (O.V.B.).

1874. Reached the summit of the *Pigne d'Arolla* at 3 a.m., 12/viii (vii. 269).

Charles Henry Robarts

(Dec. 1868, resigned 1883)

Born 1840, Whittlebury, Northants. Son of Abraham George Robarts, banker, London, and Elizabeth Sarah, d. of Colonel John Henry Smyth, M.P., of Heath Hall, Yorks.

Married 1899 Julia Maria, d. of Vincent Anthony Eyre of Lindley Hall, Leicestershire, and widow of Anthony Norris.

Entered the Navy 1852. Served till 1857. Served in the Black Sea during the Crimean War and watched the battle of the Alma from the deck of his ship.

At Christ Church, Oxford, 1858–62. 1st Class in Law and History, 1862. Fellow of All Souls College, 1864–99 ; Librarian, 1870 ; initiated the Law Library of the College. Wrote an article on ' University Libraries and Professional Colleges ', *Macmillan Mag.* xxxiii (1875–6), pp. 326–39. Sub-Warden, 1878.

In the meantime was for a short time a member of the banking house of Robarts, Lubbock & Co., Lombard Street.

Barrister (Lincoln's Inn), 1867 ; practised on the Home Circuit.

Appointed City Remembrancer, 1878, but had differences of opinion with the Common Council, and the Corporation revoked his appointment, 1881. He claimed that it was a freehold and brought an action to establish his view. The case was decided against him, but the Corporation voluntarily gave him compensation for the office of which he had been deprived. (*The Times,* 1882, 12 Jan., 2 March, 19 and 21 April.)

Chief Judge in the Turks and Caicos Islands, West Indies, 1886–8.

Died in London, 1 Aug. 1904. (*The Times.*)

Q. Alpine.

1868. Made the 1st passage (after an attempt in 1867) of the *Fuorcla Prievlus*, 15/viii (viii. 160).

1877. *Mont Blanc*, 28/viii.

Sir Helenus Robert Robertson, Kt.

(Dec. 1868, d.m. 1919)

Born 26 Dec. 1841. Son of James Hunter Robertson of Greenock and Helena, d. of Robert Macaulay of Crumlin, Co. Antrim.

Married 1873 Kate Ann, d. of Thomas Banks of Liverpool.

Educated Upper Canada College, Toronto, his parents having emigrated.

Returned to England and in 1864 joined the firm of Liverpool cotton-brokers, which became known later as Finlay, Robertson & Co. Retired, 1883. President of the Liverpool Cotton Association, 1882.

Member of the Mersey Docks and Harbour Board, 1883; Chairman, 1911–19. (For some time before becoming Chairman he had been the senior member of the Board, and for several years Chairman of the Finance Committee.) Latterly devoted much time and energy to furthering the Dock Board's opposition to the Ways and Communications Bill.

Director of the Bank of Liverpool and of the Phoenix Assurance Co. Chairman of the Union Marine Insurance Co., and of the Canadian and American Mortgage and Trust Co. For some time a member of the Liverpool Chamber of Commerce.

Greatly interested himself personally and financially in the local Bluecoat Hospital, the Children's Shelter, and the Newsboys' Home.

Knighted 1913, at the opening of the Gladstone Dock.

Died 22 March 1919. ('Who's Who'; *Manchester Guardian.*

Q. Alpine.

1868. *Mont Blanc*, 3/viii.

1869. *Dossenhorn*; *Mönchjoch*, &c. (C. Blatter).

Rev. James Robertson

(April 1864, d.m. 1903)

Born 13 April 1836. Son of Rev. John Robertson.

Married 1879 Constance Elizabeth, d. of Rev. W. G. Wilson, Rector of Forncett St. Peter.

Educated Cheltenham and Jesus College, Cambridge; 2nd Classic, 1858. Fellow of Jesus College, 1859.

H.O., 1860. Assistant Master at Rugby, 1862–71; at Harrow, 1872–83. Head Master of Haileybury, 1884–90. Vicar of Whittlesford, 1891–1903. Select Preacher at Cambridge, 1884, 90, 97, and 1900.

Author of 'Arachnia', a volume of poems published in 1904.

Died at Whittlesford, 19 Oct. 1903. (*The Times*; In Memoriam, xxi. 537, by J. S. Masterman.)

Q. Alpine.

1863. *Jungfrau*, 22/vii (xxxii. 227).

1864. Made the 1st passage in modern times (Studer, ii. 249–50) of the *Laquinjoch* with C. G. Heathcote, 1/viii (i. 377, 433; iii. 44).

1865. *Mont Blanc*, 4/vii. With F. A. Y. Browne (q.v.), Mr. Knyvett Wilson (killed on the Riffelhorn, 18/vii, see ii. 153), and Rev. J. S. Philpotts, *Col d'Argentière*, 10/vii; High Level Route (probably *Col de Sonadon*, *Cols de Chermontane* and *d'Oren*, *Col de Valpelline*), 12–15/vii, encountering the first party of guides who went to search for the victims of the Matterhorn accident, 15/vii. With his guide and Philpotts joined Whymper's search party, which reached the spot where the bodies of C. Hudson, D. Hadow, and Michel Croz lay, 16/vii (ii. 152–3).

1866. Made the 1st attempt on the *Fuorcla Tschierva-Scerscen* or *Gussfeldt-Sattel* with D. W. Freshfield, 17/viii (ii. 406).

1870. *Schreckhorn* (xxi. 538).

Simpson Rostron

(Dec. 1865, d.m. 1907)

Born 24 April 1833. Son of Lawrence Rostron of Acres House, Edenfield, Lancs., and Mary, d. of James Simpson, J.P., of Branches Park, Suffolk, and Foxhill Bank, Lancs.

Married 1868 Christina Jane, d. of William Riley of the Outwoods, Warwickshire.
Barrister (Inner Temple), 1858 : Northern Circuit.
J.P. for Surrey.
Died 7 Nov. 1907.

Q. Alpine.
1863, 1864, 1867. See D. J. Abercromby.

Baron Albert de Rothschild

(Dec. 1871, d.m. 1911)

Born 29 Oct. 1844, Vienna. Third son of Baron Anselm de Rothschild.
Married.
Educated Bonn University and the Behrens financial 'School of Princes' at Hamburg. His commercial training was completed on the Vienna Stock Exchange under the guidance of his father, by whom he was designated to succeed to the headship of the Vienna house of S. M. de Rothschild.

On the death of his father in 1874 his brothers became sleeping partners and he became sole head of the business, which under his rule gradually ceased to be a banking house in the strict sense of the term, and confined himself latterly to the administration of the Rothschild fortune. But that fortune was so closely connected with various important financial, industrial, and railway enterprises, that, quite apart from his continued participation in Austrian, and especially Hungarian, State financial transactions, he remained the leading private financier in Austro-Hungary. As chief shareholder of the Credit Anstalt, principal proprietor of the Witkowitz ironworks, largest stock and shareholder of the Northern Railway (now nationalized) and the Southern Railway (which the Rothschilds bought from the Austrian State on very favourable terms) he might have become the greatest driving force in the Empire. But as a man of business he was conservative and cautious. He lived to see the predominance of the Rothschild group of banks in Austrian State loan transactions destroyed by the appointment of the Post Office Savings Bank to be agent in chief to the Exchequer, and withdrew as far as his own house was concerned from further participation in those transactions. He and his group remained,

however, the financial protectors of Hungary. One of his latest operations was the financing of the 'unofficial' Dreadnought construction by the Stabilimento Technico of Trieste.

Fidelity to his religion prevented him from taking the oath on the Crucifix requisite for appointment as a Privy Councillor, and he refused a seat in the Upper Chamber on the ground that his business interests were too great to allow him to be impartial. A man of many interests, he was of more than average excellence as a sportsman with gun and rifle, as a skater, chess player, photographer, and, latterly, as an astronomer, and his palace in Vienna contained a notable collection of Gobelins, old masters, *objets d'art*, and antique furniture. His personal fortune was estimated at not less than fifty millions.

Died 11 Feb. 1911. (*The Times.*)

Q. Alpine.

Member of D.O.A.V. and Austrian A.C.

1867. *Schilthorn*; *Petersgrat* (Ulrich Lauener, p. 121).

1868. *Piz Bernina* (Studer, 1st edn., iii. 33, 48).

1871. *Finsteraarhorn*, 23/viii; *Jungfrau*, 26/viii. He wrote a paper on these expeditions, O.E.A.V. Jahrbuch, ix. 100.

1872. *Ortlerspitze*, 29/vi ('Tourist', 1872, pp. 389, 434; A.P. iii. 134); *Piz Munteratsch* or *Julier* (Note by him, vi. 104); *Matterhorn*, 29/viii (a letter to L. G. Prina, describing the ascent, is printed C.A.I. Boll. vi. 317; cf. A.P. iii. 134); *Mont Blanc*, 4/ix.

1873. *Piz Roseg*, 5th or 6th ascent, 29/vii. (He wrote a paper on the expedition, Z.A.V., v. 383, and see C.A.I. Boll. viii. 116–17.) *Lysjoch* and *Lyskamm*, 8/viii; *Weisshorn*, 14/viii (P. Knubel); 1st ascent of the *Schwarzhorn* (Monte Rosa), 18/viii. (Note by him, vi. 295; A.P. v. 149; and see C.A.I. Boll. viii. 120–3.)

1875. *Schreckhorn*; *Mönchjoch*; *Rimpfischhorn*; *Dom*, 30/vii; *Rothhorn* (xxxii. 102, P. Knubel).

Egerton Winder Ruck

(Dec. 1873, d.m. 1905)

Born 26 May 1847. Son of John Ruck of Sutton Court, Surrey.

Married 1872 Margaret Bradshaw, d. of John Bradshaw Wanklyn of Cheam, Surrey.

Educated Marlborough.

Wine Merchant, London.
Died 29 April 1905.

Q. Alpine.
1867 and 1868. See S. F. Still.
1870. *Jungfrau*, 25/viii; *Finsteraarhorn* and *Oberaarjoch*, 26/viii (Johann Fischer).

John Ruskin

(Dec. 1869, resigned 1882)

Born 8 Feb. 1819, London. Son of John James Ruskin, wine merchant, London, and Margaret Cox (his cousin), d. of Margaret Ruskin and Captain Cox of Yarmouth. See Lib. Ed. xxxv. 603.

Married 1848 Euphemia Chalmers, d. of George Gray, lawyer, of Bowerswell, Perth, and sister of Mrs. G. D. Stibbard, q.v.

Educated at home and, 1833–5, at Rev. Thomas Dale's School, Grove Lane, Camberwell; attended Dale's lectures on English Literature at King's College, London, 1836. At Christ Church, Oxford, Jan. 1837–40. Competed for the Newdigate, 1837 and 38 (when he was beaten by J. H. Dart, A.C.) and won it in 1839 with a poem on 'Salsette and Elephanta'. Was on the Committee of the Union and spoke there occasionally. Studied geology (see below) under Dr. William Buckland, Reader in Geology; used to prepare diagrams for his lectures, and was introduced by him to J. D. Forbes's papers on Glacier Motion. (N.B. the 1st of these was in 1841.) Went down in the summer of 1840 on account of ill health, and gave up the idea of taking Honours in the Schools. 4th Class in Classics and Mathematics, 1842. (Life by Sir E. T. Cook, p. 124.) Slade Professor of Fine Art, 1869–78, 1883–4.

His interest in hills and mountains, from every point of view, dates almost from his infancy. 'The first thing which I remember as an event in life', he tells us in 'Modern Painters',[1] 'was being taken by my nurse to the brow of Friar's Crag on Derwentwater.' The earliest of his extant drawings is a hill-road winding up and round a cliff (1826), the earliest of his printed pieces a poem 'On Skiddaw and Derwentwater', composed in 1828,

[1] Vol. ii, chap. xvii, § 13, and vol. v, p. 365 of the Library Edition of Ruskin's Complete Works in thirty-nine volumes, by Sir E. T. Cook and Mr. A. Wedderburn, to which all future references will be made.

published in 'The Spiritual Times, a Monthly Magazine', February 1830. His parents made annual summer driving tours, usually in Scotland (1824, 26, 27), Wales, where he had his 'first sight of bolder scenery' and went up Cader Idris and Snowdon (1831), or the Lake District (1824, 26, 30); he described the last mentioned in a long rhyming poem, which includes an account of the Ascent of Skiddaw. He was an ardent geologist from his early childhood before his interest in painting and literature had been awakened. 'The ambition of his boyhood was to connect with his name not a system of art-criticism but a system of mineralogy.'. . . Before he was in his teens he had begun to compile a Mineralogical Dictionary and for a present on his fifteenth birthday he chose the 'Voyages dans les Alpes' of De Saussure.

In 1833 they went abroad, Calais—Belgium—Cologne, and up the Rhine to Strasburg: through the Black Forest to Schaffhausen; thence by Constance to Chur; crossed the *Splügen* pass into Italy and returned by the *Great St. Bernard*; to Berne, thence visiting Interlaken, and the Giesbach; then to Basel and finally to Geneva; ending the tour by paying the first of his many visits to Chamonix. Returned by Geneva and Paris.

One result of the tour was his first printed prose piece 'On the Causes of the Colour of the Water of the Rhine' (and of the Rhône at Geneva), which appeared in *Loudon's Magazine*, Sept. 1834, and was followed by another in December, 'Facts and Considerations on the Strata of Mont Blanc'. The first view of the Alps from Schaffhausen is described in 'Praeterita', i, ch. vi 'Schaffhausen and Milan', Lib. Ed., xxxv. 104–19. See ibid., vol. i, p. xxix and vol. ii. 340. He also wrote largely on the tour, mostly in verse (Lib. Ed., ii. 341–93), and made many sketches, including one of the Aiguille du Midi from the Montanvert, and one of the Jungfrau which has been preserved and is reproduced in the Library Edition, vol. ii. 380.

1835. Reached Geneva, 2/vii viâ Dijon and the Jura (Champagnole, Morez, Col de la Faucille), the route which he nearly always followed in later journeys. See 'Praeterita', Lib. Ed., xxxv. 158, 'The Col de la Faucille' (a name which does not occur in the earlier editions of Murray). Again visited Chamonix, 7–10/vii; then by St. Gingolph to Martigny: crossed the *Great St. Bernard*, 15, 16/vii; Courmayeur, 17–19/vii; recrossed the St. Bernard, 21/vii; Vevay, 24–7/vii; by Yverdun, Neuchâtel, and

Soleure to (31/vii–2/viii) Basel, Schaffhausen, 4, 5/viii, Constance, Winterthur, Zurich, and (10, 11/viii) Zug. By Altdorf to *St. Gotthard* pass and back to Fluelen, 15/viii. Lucerne, 17, 18/viii; the *Rigi* 19–20/viii (works, i. 198). By Alpnach and Meiringen to the *Grimsel Hospice*, 24–6/viii; Meiringen, Grindelwald, Interlaken, Thun, 1, 2/ix. Thence to Berne, Fribourg, Lausanne, 5–7/ix. Back to Berne and by Morgenthal, Baden, Winterthur, St. Gall, Feldkirch, St. Anton, and Ober-Miemingen to (19, 20/ix) Innsbruck. Crossed the *Stelvio* to Varenna on the Lake of Como, thence to Verona and (6–12/x) Venice; returned by Salzburg, Carlsruhe, Strasburg, Paris. This was his only visit to the Eastern Alps. The tour produced amongst other things the 'Tour through France to Chamouni' (verse), Lib. Ed., i. 396–428; the 'Ascent of the St. Bernard, a Dramatic Sketch', ibid. ii. 505–21, and the amusing 'Chronicles of S. Bernard', ibid., ii. 522–51. For itinerary see ibid., i, p. xxx; ii. 395; xxxv. 158.

In 1840–1 travelled through France to Nice and Italy; visited the Carrara Mountains and after a prolonged Italian tour returned by the *Mont Cenis*, but made no stay in the Alps (see Lib. Ed., i, p. xxxviii and xxxv. 260), but in 1842 he returned viâ Geneva to Chamonix and made a long stay there (June–August), making preparatory studies for the first volume of 'Modern Painters' which appeared in the following May. Returned by the Rhine route. No details are forthcoming; but his visit to the *Jardin* may belong to this season. See Lib. Ed., iii, pp. xxv–xxvii; iv. 344; xxxv. 312–15, 627, and the poem, 'A Walk in Chamouni', ibid., ii. 222.

In 1844 they arrived at Geneva, 3/vi, and were at Chamonix, 6/vi–4/vii; at St. Gingolph, 8/vii; crossed the *Simplon* to (12/vii) Baveno; returned to Simplon village, 15/vii; there had a memorable encounter with J. D. Forbes, 16/vii (Lib. Ed., xxvi. 219–20). Arrived at Zermatt, 19/vii; went up the Riffelberg, 20/vii; but the fare was too rough for his parents and they returned to Visp, 21/vii. Ruskin went up to a point near the Bel Alp to sketch, and afterwards explored the gorge of the Aletsch torrent (ibid., xxvi. 221–2). He then went back for a few days without his parents to Chamonix, ascended to the base of the *Aiguille d'Argentière*, 27/vii, and crossed the *Buet* to Sixt, 29/vii. His account of the latter expedition, from his diary, is printed, xxxii. 334–6. See 'Praeterita', i, p. 179 (Lib. Ed., xxxv. 336). After a walk to Fer à Cheval, he rejoined his parents at Geneva.

See Lib. Ed., iv, pp. xxii–xxiii (where the Itinerary is given); xxvi. 569; xxxv. 228 ff.

In 1845 he travelled for the first time without his parents and with the guide Joseph Marie Couttet, his companion on many later occasions. He went south through the Basses Alpes viâ Gap and Digne to Nice and Italy and made a long stay at Lucca. Then went up the Val Anzasca and stayed for some days in Aug. at Macugnaga which did not please him, and later up the Val Formazza and on (probably by the Sassello pass) to Faido, but most of the tour was spent in Italian cities, and its effect was to divert his mind from the mountains. At Lucca he acquired a new interest in architecture, and at Venice he discovered the Tintorettos in the Scuola di San Rocco. This was a turning point in the work of his life. 'But for that porter's opening [of the door of the Scuola] I should (so far as one can ever know what they should) have written "The Stones of Chamouni" instead of "The Stones of Venice"' (Itinerary, Lib. Ed., iv, p. xxiv note).

In 1846 he crossed the Alps twice and on the return journey spent some time at Chamonix, later made drawings of the Oberland peaks from the *Faulhorn*, and of the lower Grindelwald glacier, and was at Lucerne, 31/viii, but no Alpine particulars have been preserved.

1849. Went for a long tour abroad, on completion of 'The Seven Lamps of Architecture'; reached Geneva, 30/iv; at Chambery, 2–5/v (visiting the Grande Chartreuse, 4/v); thence to Geneva and Vevay—after a short excursion to Chamonix, 14/v, when he enjoyed a 2,000 ft. glissade from the Montanvert, again returned to Vevay, 18/v. Then spent a month at Chamonix, 13/vi–10/vii. Left his parents at St. Gervais, 26/vii, and went by the *Cols du Bonhomme* and *de la Seigne* to Courmayeur; by the *Col Ferret* to Martigny, 30/vii, and on to Zermatt. There he spent a full week, 2–10/viii, in the course of which he took 'the first sun-portrait ever taken of the Matterhorn (and as far as I know of any Swiss mountain whatever)', and made drawings of it 'at this day demonstrable by photography as the trustworthiest then in existence' (Lib. Ed., xxvi. 97–8, 'Le Cervin par l'Image', by Charles Gos, Plate X (p. 14) and pp. 21–2), and made ascents of the *Hörnli* and the *Riffelhorn*. He gives a careful note of the way up the latter in 'Modern Painters', vol. iv (Lib. Ed., vi. 285) for the benefit of 'independent [i.e. presumably

guideless] travellers'. Went up the Rhône valley to Leuk and ascended the *Gemmi* pass; returned to Chamonix for a fortnight, and rejoined parents at Geneva, 30/viii. It was among the mountains in this year that his principal studies for the 3rd and 4th volumes of 'Modern Painters' were made, and much geological scrambling took place, on the Aiguille Bouchard and all along the base of the Mont Blanc Aiguilles on the ground afterwards described by Sir A. Wills (see vol. i), in 'Wanderings in the High Alps', ch. iv.

His 5th contribution to *Loudon's Mag.*, 'Observations on the Causes which occasion the variation of Temperature between Spring and River Water' (Oct. 1836), contains his earliest observations and speculations concerning glaciers (Lib. Ed., i. 201–2, 205). He read the Essay (1841) of Jean de Charpentier, expounding the Dilatation Theory of Glacier Motion and thought it extremely plausible' (Lib. Ed., xxviii. 638). He introduces a glacier into his story, 'The King of the Golden River' (1841), the scene of which is laid in the Styrian Alps; drew the Glacier des Blois as an illustration to his poem 'A walk in Chamouni' (1843) and wrote a Poem 'The Glacier' in 1846. But for the most part he was content to be a whole-hearted disciple of J. D. Forbes. Thus he says very little on glaciers in the 4th vol. of 'Mod. Painters'; in ch. xiii there are some brief remarks on the traces of a glacial period and the effects of Ancient Glaciers on Mountain form, but for further information he refers his readers generally to Forbes (Lib. Ed., vi. 211–13).

1851. Arrived at Chamonix (for a stay of three days) on the day of Albert Smith's (vol. i) ascent of Mont Blanc; the jubilation with which the return of the party was celebrated filled him with an abiding disgust.

1854. Through France to Geneva (4/vi). Through the Simmenthal to Thun and Interlaken; Lucerne, 2/vii. Fribourg. Spent some weeks in Chamonix, July and Aug.–Sept. Itinerary, Lib. Ed., v, p. xxxi note.

1856. Dover, 14/v; Bâle, 30/v; Montreux, 4/vi; Berne, 5/vi; Thun, 7/vi; Interlaken, 10/vi; Lauterbrunnen, 24/vi; Thun, 26/vi; Berne, 8/vii; Fribourg, 9/vii; Vevay, 15/vii; Geneva, 21/vii; Chamonix, 26/vii; Geneva, 20/viii; Fribourg, 22/viii; Geneva, 4/ix.

Home by Dijon and Paris, Dover, 27/ix (Itin., Lib. Ed., vii, p. xxx).

'At this time followed closely the papers in geological magazines and discussions at the learned societies'; [e.g.] in this year statements in Forbes's 'Travels' as to the geological constitution of the Mont Blanc chain had been criticized, and Forbes had replied. R. gave much of his time at Chamonix to the matter, and employed workmen to excavate: he sent his results, which confirmed Forbes's views, to Forbes, by whom they were communicated to Proc. R.S. Edin., 15/ii, 1858 (Lib. Ed., xxvi, pp. xxvii, 288, 545–7, Forbes, 'Life', 375).

1858. Calais, 13/v; Basel, 18/v; Rheinfelden, 19/v; Brugg, 27/v; Zug, 30/v; Brunnen, 3/vi; Fluelen, 9/vi; Hospenthal, 11/vi. By the *S. Gotthard* to Bellinzona, 12/vi; after a month on Lago Maggiore and an ascent of *Monte Motterone* arrived at Turin, 15/vii, and made a long stay; towards the end of it visited Torre Pellice and ascended a peak overlooking the Angrogna valley (Lib. Ed., vii, p. xlii). Walked over the *Mont Cenis* pass geologizing and returned by Annecy, Bonneville, St. Gervais to Geneva (Itinerary, Lib. Ed., vii, pp. xxvii–xxviii).

During eight of the next twelve years Ruskin spent many months in Switzerland or other parts of the Alps at all seasons of the year, made three winter ascents of the *Salève*, and was probably the first Englishman to draw attention to the beauties of the Alps in winter.

His first public utterance in the field of Glacier Controversy was on the question 'Do Glaciers Excavate?', combating the views of Sir A. C. Ramsay (vol. i) in a Lecture at the Royal Institution, 5/vi, 1863 (Lib. Ed., xxvi. 9, 15–16); he pursued this subject in a series of letters in *The Reader*, Nov.–Dec., 1864; (Lib. Ed., xxvi. 548–58, see also ibid., pp. 22–3). In the battle over the Viscous Theory he contented himself at this time with referring to it as firmly established (ibid., pp. 10, 550–1) without arguing the question at length. F. wrote a letter of thanks to him, dated 2/xii, 1864. Ruskin was led (as others were) to return to the subject by the appearance of J. Tyndall's 'Forms of Water', 1872; and opened fire in 'Fors Clavigera' with a rapid sketch of his own concern with glaciology, the state of knowledge in 1841, the relations between Forbes and Agassiz, Forbes's success and the subsequent attacks of Tyndall (Letter 34, Oct. 1873 in Lib. Ed., xxvii. 635–43, cf. ibid. 614, 662–3, and xxviii. 123). It was reprinted, together with a eulogy of Forbes, and F.'s letter of 2/xii/1864 (Lib. Ed., xxvi. 559–62) in the

translation of Rendu's Theory of Glaciers published in 1874, and during the next five years he gave much time to the reassertion of the Viscous Theory, together with discussion of other geological matters. His views on these subjects, blended with much hostile criticism of Tyndall, were put forward at first in the form of lectures; these were published with much additional matter under the title 'Deucalion' in 1879. The leading passages on the Glacial Controversy are chaps. iii, iv, vi and parts of x and xiv of 'Deucalion', vol. i (Lib. Ed., xxvi. 124–47, 156–64, 226–31, 280–5, see also ibid. 358). There are some further criticisms of Tyndall in 'The Storm Cloud of the Nineteenth Century' (1884, Lib. Ed., xxxiv. 17, 48–51), and Ruskin was engaged on experiments in Glacier Motion as late as 1885 (ibid. xxxiii. 524).

I have tried to describe his attitude towards the Club and modern mountaineering in a paper on 'Ruskin and the Alps' (xxxii. 328, see pp. 339–43). Here it must suffice to say that his references to climbers in the fifties are entirely benevolent. Then after a considerable interval comes the celebrated denunciation in 'Sesame and Lilies' (the 'soaped poles' passage, Lib. Ed., xviii. 89–90) in 1865, when the first great assault (Ruskin would have strongly objected to this word; cf. ibid., pp. 345–6) was nearly at an end. Shortly afterwards the Matterhorn tragedy took place and led Ruskin to add to the 2nd edition of the book a preface on mountaineering in which the subject is seriously and temperately discussed. His principal charge against the Club is that of vanity, boastfulness, and a spirit of undue competition; he repeats the charge of irreverence, and protests against the claim that 'Alpine excursionists' arrive at 'some true and increased apprehension of the nobleness of natural scenery' (ibid., pp. 21–9).

In 1868, however, he was persuaded by R. St. J. Tyrwhitt to attend the Winter Dinner, and a year later joined the Club, his qualification being 'Author of the Fourth Volume of "Modern Painters"'. He was a member of several years, 'although of course he could still speak frankly of our frailties', and intended to write a paper for the A.J. on Alpine Art, which, owing to ill health, was never completed.

It would be impossible here to deal, however briefly, with Ruskin in all his relations with the mountain world, his interest in Swiss history, architecture, and peasant life, his concern over the disasters due to Alpine inundations, &c. Any one interested

in such matters will find ample information in Sir E. T. Cook's 'Life' (2 vols., 1911) and the monumental Library Edition of his works already referred to.

Died 20 Jan. 1900. (In Memoriam, xx. 127, by D. W. Freshfield; 'National Review', April 1900, by Sir L. Stephen; D.N.B.; 'Life and Work of Ruskin' by W. G. Collingwood, A.C. (1892), &c. See also 'Ruskin and the Mountains', in Oxford and Cambridge Mountaineering, 1921, pp. 21–6, by R. G. Collingwood.)

Count Henri Patrick Marie Russell-Killough

(Dec. 1864, d.m. 1909)

Born 14 Feb. 1834, Toulouse. Son of Thomas John Russell, representative of the Barons of Killough (who was created a Count of Rome by Pius IX, in 1862), and Marie Josephine Aglaë Ferdinande, d. of the Marquis de Flamarens.

Educated at the College of Pons near Saintes and at Pontlevoy, till 1851, when his parents moved to Ireland, and he went to the Jesuit College at Clongowes, where he completed the philosophical course.

Then for some time he amused himself strenuously, and indulged to the full his fondness for music and dancing. He was an accomplished violinist, and Beraldi describes him as 'effréné valseur', and records a tradition that he once walked from Luchon to Bagnères-de-Bigorre, danced all night, and walked back the next day. But the dream of his boyhood had been to enter the French Navy, and his warlike ardour was revived by the Crimean War. (He was passionately moved by the Anglo-French Alliance, and though little interested in politics the idea of it was constantly in his mind throughout his life.) His nationality—as the son of a British subject—stood in the way, but it was possible for an adult to enter the navy by serving for a certain time as a volunteer in the merchant service, and after passing through some intermediate stages to become an 'Enseigne de Vaisseau'. Russell accordingly, after coming of age, made his official declaration of French nationality, signed an engagement for 18 months as 'pilotin' on the sailing ship *Brave-Lourmel*, bound for Peru viâ Cape Horn, and sailed May 1856. The captain, who looked on such volunteers with jealousy and dislike, laid himself out to irritate Russell, and a quarrel resulted. Russell's predicament, as

a sailor subject to maritime law and discipline, was serious, but luckily for him, his uncle, de Flamarens, a Senator and Privy Councillor, had written recommending his nephew to the French Consul at Lima, and on his arrival there the Consul's intervention enabled him to disembark and put an end to his engagement. Thus ended his dreams of a naval career.

He remained several days at Lima, and gained a permanent impression of the sublimity of the Andes: returned viâ Cape Horn and Pernambuco, arriving in Paris, Jan. 1857. Stayed in Paris till June, and then started on a pleasure trip to N. America, went up the St. Lawrence and the Lakes (visiting Quebec, Montreal, and Niagara) to Detroit, thence by rail and boat to Chicago (then a city of 120,000 inhabitants); by rail to Dubuque, and up the Mississippi to St. Paul: thence drove through almost trackless forest country in fifteen days, to Superior City, at the W. extremity of Lake Superior (then regarded as a very risky journey). Returned by boat to Detroit, and after visiting New York, Philadelphia, Baltimore, and Washington, went down the Ohio and the Mississippi from Pittsburg to New Orleans. Returned by sea viâ Havana to New York, and reached France in Nov. He described this tour in a rare and forgotten booklet, 'Notes par Voies et Chemins dans le Nouveau-Monde', published at Bagnères-de-Bigorre, 1858, and rediscovered after his death by Beraldi (see 'Russell en Amérique, 1855–7', Bull. Pyrénéen, xvii, pp. 281, 322, 353).

Stayed in Paris till summer, 1858, then had his 1st climbing season (see below), and started from Luchon on his 3rd journey, 25/ix. Left Moscow, 15/xi, arrived viâ Kazan and Tomsk at Irkutsk, *c.* 11/i, 1859; difficulties arose as to passports, but he started again, 25/i, as Russelloff, secretary to a friendly Russian officer. Crossed Lake Baikal to Kiatkha on the frontier, and crossed Mongolia viâ Urga to Pekin, 1/iii. Was sent back by the officials to Kiatkha, where he spent five weeks, and found favour with General Mouravieff. This enabled him to continue his journey eastwards to Ichita, down the Chilka and Amur Rivers, and by sea to Shanghai, 7/vii. As steamers were expensive he waited for a sailing ship for a month, which was enlivened by the arrival of Taiping rebels, and some shooting took place. Left 7/viii, arrived Hong Kong, 21/viii, 'sans argent, sans connaître personne', which, however, troubled him little. Left 6/x for Australia in a Chilian sailing ship, touched at Java,

Sumatra, and Krakatoa, reaching Melbourne, 1/i, 1860; Sydney, 25/i. Sailed to Nelson, New Zealand, 14–21/iii, went up *Dunn Mt.* (1,400 m.); and started on foot to explore the Kaikouras Mts. On the 2nd day ascended *Moscoton* (1,300 m.), and covered 46 kilometres; on 5th day reached Anderson's farm; started thence for a three hours' walk, lost himself, and regained the farm after sixty hours without food, 'la plus grave aventure de ma vie'. Was ill for nine days at Anderson's, then walked back to Nelson and crossed Cook's strait to Wellington, but further exploration there was stopped by the Maori War, so he returned to Nelson, 3/v, and 5–14/v to Sidney. Left Australia, 14/vi; in Ceylon, 9–24/vii; reached Calcutta, 30/vii, again 'sans argent', but he got over this difficulty by writing some articles on his Siberian journey in *The Englishman*. Arrived at Darjiling, 4/xi, had a glimpse of Mt. Everest from Sinchal (?) 7/xi. An attack of fever prevented him doing more, but saved him from being with Dr. Campbell, governor of Darjiling, when he was attacked by the Bhutanese. Returned, 4–13/xii, to Calcutta. Arrived at Madras, 30/i, 1861. Travelled through Mysore from Bangalore to Ootacamund (ascending *Dodabetta*), and back to Bangalore through Madras, visiting numerous intermediate places; thence NW. viâ the Gairsoppa Falls to Kumpta on W. coast. Sailed 26–9/iv to Bombay; made trips to Ellora, &c. Left Bombay, 27/vi, returned viâ Egypt, Smyrna, Constantinople, Hungary, and Italy.

He described this journey in 'Seize Mille Lieues à travers l'Asie et l'Océanie, 1858–61' (2 vols., 1864).

Henceforward his principal interest in life was 'le Pyrénéisme'.

Died unmarried 9 Jan. 1909. (In Memoriam, xxiv. 501–4, by W. P. Haskett Smith; La Montagne, v. 149–52, by F. Schrader, with portrait.) A memorial to him was erected near Gavarnie in 1911 (see La Montagne, vii. 582–3, and the 'Souvenir du 5 Septembre 1911').

Q. Pyrenees. Author of 'Seize Mille Lieues, &c.'

Original Member of C.A.F., Paris section; member Sud-Ouest section (1877), and of Pau section, and of Soc. des Pyrénéistes du Lavedan; Honorary President of section of Pyrénées Occidentales (founded 1887). One of the founders of the Soc. Ramond: 1st Hon. Sec., 1866–8 or later.

He was familiar with the Pyrenees from his childhood, and

made his 1st 'course' at the age of six, walking from Cauterets to the Lac de Gaube, and getting his first view of the Vignemale. In 1851, during a summer at Luchon, he made all the 'ascensions moyennes', and walked to Gavarnie viâ Aragnouet and the *Col de Cambiel* with his mother, herself a vigorous pedestrian, who did much to encourage her son's taste for mountaineering (see Beraldi,[1] iii. 5).

1858. *Neouville*; 1st ascent of the *Ardidieu*; *Mont Perdu*, 10/viii, with Alfred Tonnellé, who died in Oct. following. T.'s 'Fragments sur l'art et la philosophie' (1859) contain a description of some of his expeditions, but his complete 'Journal de Voyage', with an account of this ascent in which Russell is mentioned by name, though privately printed in 1859, remained unknown till *c.* 1898, when Russell discovered the identity of his companion (Beraldi, ii. 166–7, 188–91). 2nd ascent of *Mont Perdu*, 20/viii. Then made a 3rd ascent, –/ix, alone, starting at midnight from Luz, was caught in a storm on the descent, and spent a very bad night on the Brèche de Roland, without food or shelter.

1861. Immediately after his return from the East made his 1st ascent of the *Vignemale*, and the 1st travellers' passage of *Col d'Astazou*, thus reaching *Mont Perdu* by an entirely new route (cf. iv. 338) (Souvenirs, 355; Grandes Ascensions, 174).

1862. *Pic de Ger*, –/vii; *Le Canigou*.

1863. Attempt on *Pic du Midi d'Ossau*, 2/iii; was knocked down by wind on Col de Gourgy during an attempt on Pic de Ger, 3/iii; *Pic de Ger*, 5/iii.

Perdighero, alone; *Le Nethou*, 24/viii. Demi-tour of the Monts Maudits from Hospice de Viella, viâ Senet and *Col de Castaneza*, to Venasque.

In this year made the acquaintance of C. Packe (vol. i). For their relations generally see Beraldi, iii. 33.

1864. Ended a seventeen days' zigzag tour on foot from Pau, through the Pyrenees, to Viella, Salardu, Montgarry, by the passage of *Port du Salau*, into Ariège, where he was arrested as a murderer (Souvenirs, 289). Ascended *Montcalm* and *Pic des Estats* in a day from Vicdessos and back (ibid., 292); 1st ascent of *Pic Carlitte*; joined Packe and repeated the ascent with him three days later (see Packe, Guide, 145–7).

It was probably at this time that he reascended the *Canigou*

[1] 'Cent Ans aux Pyrénées' by Henri Beraldi, in seven volumes, an enchanting book. See for Russell vols. iii to v *passim*.

with Packe (Souvenirs, 309 ; Grandes Ascensions, 11 ; Packe, Guide, 149–50). Russell ascended the *Puigmal* ; they then entered Andorra by *Port de Saldeu*, but after a very brief stay left by *Port de Siguier*, ascending the *Realp*. Made the 3rd ascent of *Pic des Posets*, new descent to SE., to Eristé, alone, 13/vii (Gr. Ascensions, 116–17) ; *Nethou*, new route from SW. viâ Pic Coroné and Col de Gregonio (the probable route of its first explorers in 1842), 15/vii. Started with Packe for Port d'Enfer : crossed the wrong Brèche in a fog, and spent a terrible night on the edge of a precipice without food, drink, or wraps ; crossed the true *Port d'Enfer* next day, and the day following, leaving Packe, made the 1st ascent of *Pic des Hermittans* (*des Gours Blancs*) (Gr. Ascensions, 77–81 ; cf. Packe, Guide, 89) ; 1st ascent of *Pic de Lustou* (Gr. Ascens., 137–42) ; 1st ascent of *Cylindre du Marboré* (viâ Cols d'Astazou and du Mt. Perdu) ; *Balaitous*, 3rd ascent (ten days after Packe's), 25/ix (account in the '*Mémorial* de Pau' for 8th Oct. and Bull. Soc. Ram., 1867, pp. 61–8).

1865. *Tusse de Maupas* (Gr. Ascens., 60–2). With Packe by *Col des Salenques* and *Gorge de Fechan* to the lakes of Rio Bueno, where they camped in the open for a week (7–14/vii), during which R. made, alone, 1st ascent of *Pic Russell* (his *Petit Nethou*) (La Montagne, ii. 354–5, v. 294), by mistake (he was aiming at the Malibierne, see La Montagne, ix. 495–6), and 2nd ascent of E. peak of *Pic de Malibierne* (Gr. Ascens., 105–9) ; thence, leaving Packe, went by Col and valley of Malibierne to Saoun ; *Col de Saoun* (his *Col inférieur de Gistain*) and *Col de las Coronas* ; 1st ascent of *Cotiella* (16 or 17/vii) ; returned to France by *Port de Plan*, reaching Arreau after ten days and nights in the open air (Bull. Soc. Ram., i. 19–20 ; Gr. Ascens., 117–22). *Pic d'Arbizon*, alone (ibid., 145), *Pic de la Gela* (ibid., 194 ; Souvenirs, 219, note). *Col de Male Rouge*, alone, –/ix (Gr. Ascens.) ; *Pic Long*, 2nd or 3rd ascent, new descent (Gr. Ascens., 186–9 ; Packe, Guide, 69), 20/ix ; attempt to reach *Source de la Cascade de Gavarnie*, 22/ix (Gr. Ascens., 182–3) ; *Tour du Marboré*, 2nd ascent by a new route by Terrasse du Marboré, 24/ix (ibid., 171–3 ; Bull. Soc. Ram., 1866, pp. 45–50).

Shortly afterwards the Société Ramond was founded at Gavarnie by Russell (secretary, 1865–8, perhaps longer, with Packe as assistant sec., 1865–6), Packe, Emilien Frossard, and Maxwell Lyte (see Bull. Soc. Ram. i. 1–7, and Frossard's account, ibid., vii. 199–202).

With Packe, from Bielsa to Arreau by *Port d'Ourdissette* in a single day. Sallent to Baths of Panticosa by *Col de Bondellos* (Gr. Ascens., 239–41 ; Souvenirs, 334, 347).

Winter ascent of *La Rhune*, 21/xii (Gr. Ascens., 283–4).

'Les Pyrénées, les ascensions et la philosophie de l'exercice', a brochure of 62 pp., his first Pyrenean publication, appeared this year.

1866. *Pic Collat* or *Pic d'Armes* (Souvenirs, 288 ; Gr. Ascens., 34), *Nethou* (his 3rd ascent) with Captain Hoskins (afterwards Admiral Sir Anthony Hiley Hoskins, G.C.B.), spending a night on the summit, 18–19/vii (Beraldi says 1865, the date given in 'A Fortnight in the Pyrenees', p. 101, and Souvenirs, 483, but Bull. Soc. Ram., i. 27–8, seems conclusive for 1866. Spender (p. 305) also takes this view).

Then went to London and made a tour in the West of England (paper, 'Malvern Hills', Souvenirs, 657–9).

Pic d'Anie, end/ix (paper, 'La Vallée d'Aspé et le Pic d'A.', Bull. Soc. Ram., 1867, p. 38 ; Gr. Ascens., 276).

Published 'Les Grandes Ascensions des Pyrénées d'une mer à l'autre. Guide spécial du Piéton', with twelve useful outline maps. Though it includes many perfectly easy routes and ascents, a large portion of it is in many respects a remarkable anticipation of the 'Climbers' Guides' to the Alps (cf. iv. 338). It is based mainly on his own knowledge, and had a great vogue with French climbers for many years (reviewed briefly, Bull. Soc. Ram., 1866, p. 130).

1867. 1st ascent of *Pic d'Enfer*, 20/vi (Bull. Soc. Ram., 1867, p. 118, 1868, pp. 12–17). After attending the distribution of prizes, &c., at the Paris Exhibition, paid his first and only visit to the Alps : Geneva-Chamonix, 17/vii ; *Mont Blanc*, 19/vii ; *Breithorn* (starting from the Riffel at 10 a.m.) ; *Alphubeljoch* (Souvenirs, 660–72).

1st ascent of *Seil de Bacque*, one of the points of the *Crête d'Oo*, –/ix (Sud-Ouest section, Bull. No. 3 (July 1878), pp. 3–6).

1868. After a reconnaissance from the Source des Sarradets, slept on Brèche de Roland ; starting thence, made an attempt to reach the Source de la Cascade de Gavarnie by the unexplored *lower* terrace of the Cirque ; failed, and consoled himself with a new ascent from NW. of the *Taillon*, –/vi.

Pic d'Albe, –/vii. In Souvenirs he gives this peak 3,096 m., and calls it a 1st ascent, but in the original paper (Bull. Soc.

Ram., 1868, pp. 137–47) he makes no such claim, and both there and in Grandes Ascens. gives the height of 3,280 m., so that at that time he identified it with Packe's Pic d'Albe (Packe, Guide, 123). Beraldi (iii, pp. 28–9) seems to have overlooked this.

Revisited Lac de Litayrolles, 1/viii. Ascended *Col de Bugarret* (apparently the *Hourquette de Cap de Long* of Grandes Ascens., pp. 154–5), from Pragnères, returned thence NW. to Luz, crossing another Col (de Pierrefitte ?), passing E. of the Maucapera, 8/viii. *Casque du Marboré. Vignemale* (his 2nd ascent), *Petit Vignemale* (Bull. Soc. Ram., 1868, pp. 137–47).

Published 'A Fortnight in the Pyrenees (Luchon to San Sebastian)', a guide book addressed to ordinary travellers, sufficiently described by its title.

1869. Winter ascent of *Vignemale* (his 3rd ascent), 11/ii.

By Port de Venasque and *Col des Salenques* to Hospice de Viella and Lac Beciberi; 1st ascent of W. summit of the *Montarto*; return by *Cols de Moulières* and *d'Alfred* and Port de Venasque in a single day from Hospice de Viella to Luchon. Spent a memorably bad night on Brèche de Roland with Sir Henry Halford, 15/viii; crossed *Col des Mulets* (NW. of Vignemale) alone, reached S. slopes of the *Peterneille*, where he lost his sac (with food, &c.); went near enough to summit of P. to see that it was easily accessible; soon afterwards lost himself, finally reached Baths of Panticosa, famished, by '*Col de Bramatuero*'; crossed the *Port de Marcadou* next day; *Col de Culaous*; *Pic de la Munia* (2nd travellers' ascent) (C.A.F. Bull., 1878, p. 69; Bull. Soc. Ram., 1869, pp. 133–44).

1870. *Pic de Ger*, –/iv; *Col d'Aubert*. Attempt on *Balaitous* from Labassa by Neous glacier and Crête de Fachon (see Packe, 1862), then tried W. arête (route of 1864), but was stopped by a storm, and descended into Spain, 13/vi; returned to Labassa by *Port de la Pierre St. Martin*, having made a complete circuit of the mountain, 14/vi; *Balaitous*, new ascent (the 3rd from the E.) by Neous glacier and E. face, 15/vi (Bull. Soc. Ram., 1870, pp. 100–7, with map; see La Montagne, viii. 379, 384, 413); *Cotieilla* (his 2nd ascent) with Albert Lequeutre, spending a night on the summit; during the descent they were attacked and robbed by some Spanish shepherds. He described this adventure in the course of a paper on 'Mountains and Mountaineering in General', his one contribution to A.J. v. 241;

for the sequel see vi. 72, note; cf. Bull. Soc. Ram., 1870, p. 127.

Vignemale (his 4th ascent), from the W. by Col de Cerbillonas (probably 1st travellers' ascent by this route; Beraldi, vii. 135); *Pic du Midi d'Ossau*, his 3rd ascent, taking a line of his own outside the chimneys, which had lately been provided with iron stanchions. See 'Pau and the Pyrenees' (1871), p. 69; Bull. Soc. Ram., 1871, pp. 1–23.

1871. *Pic de Sesques* (or *Scarput*); tour of *Pic de Ger*, –/vii; *Mont Perdu* by Corniche du Cirque and Col des Isards (his 4th ascent). 1st passage of *Col de la Cascade* (Souvenirs, 182; C.A.F. Ann., 1875, p. 383; he had pointed out the possibility of this course in Gr. Ascens., 172–3).

Nethou alone (his 4th ascent), 9/viii. He published the 1st register of ascents of this peak, which was now full, with an Introductory Note, in Bull. Soc. Ram., 1872, pp. 15, 193, 1873, p. 49. *Col des Crabioules* and *Lac de Litayrolles* alone (Bull. Soc. Ram., 1871, pp. 77–95).

Published 'Pau and the Pyrenees', a small guide book, similar to that of 1868, but dealing more fully with the environs of Pau, and less so with the Pyrenees. A 2nd edition, much enlarged, appeared in 1890.

1872. *Montcalm* and *Pic d'Estats*, 19, 20/vi; '*Les précipices de la Cascade de Gavarnie*', alone: an attempt similar to that of 1868 to reach the 'Source' from below by a route more direct than, i. e. below, the Brèche Passet, a 'course insensée'; *Mont Perdu* (reached from the E. by a variation of C. Packe's 1868 route), 3/vii. In Oct. walked through the Basque country viâ Larrau, Ahusky, Roncevaux, to Bayonne (Souvenirs, 32, note). Bull. Soc. Ram., 1872, pp. 170–92.

In 1873 he published 'Biarritz and Basque Countries'.

1873. *Hourquette Badet* and *Neouvielle*, 3 and 4/ix (after four months in London).

Three attempts to reach Port d'Oo stopped by wind and snow, the last with J. Bryce; *Le Mail Barrat* (E. peak of Pic de Boum), probably 1st ascent; *Pic de Posets* by La Paoule (2nd ascent by this route; the 1st was by Packe, –/vii). Bull. Soc. Ram., 1874, pp. 25–43.

1874. *Arriel*, 3/vii; 1st ascent of *Grande Fache* (or *Soum de Baccimaille*), –/vii; *Col des Aiguillons* to Cabane Gela, 30/vii; *Pic de Baroude*, thence E. over two cols (a high level traverse

past Ports de Bielsa, de Hachampy, and de Moudang through unmapped country) to near Port d'Ourdissette, 31/vii; 1st travellers' ascent of *Suelsa*, descent to El Plan de Gistain, 1/viii; *Port de la Pez*, 2/viii. Attempt on *Maladetta*, alone (had a narrow escape while crossing the bergschrund in which the guide Barrau was lost in 1824, lost his baton, and gave up the ascent). Arreau to Cabane d'Ayges Tortes, 16/viii; *Port d'Ayges Tortes*, across country W., and back to France by *Port de Caouarère*, 17/viii; *Pic Batoua*, 18/viii; *Pic d'Anayette*.

1st ascent of *Gabietou* and discovery of ice aiguilles of Gabietou glacier (C.A.F. Ann., 1875, p. 401; Bull., 1877, p. 136), thence direct to the *Taillon* (his 2nd ascent), 8/ix (Bull. Soc. Ram., 1874, pp. 179–207).

Wrote the opening paper in 1st vol. of C.A.F. Ann., on 'The Pyrenees' (a general descriptive account; he notes the absence of inns and huts; his early method of very long expeditions at express speed, with no time to see or enjoy, and later adoption of a sheepskin sleeping bag).

1875. 1st ascent of *Bisouri* (Bull. Soc. Ram., 1875, p. 161); *Col de Couret*, 27/vii; *Port d'Enfer*, 28/vii; *Col de Courtaou*, *Ports de Clarabide* and *de Gistain*, 29/vii; *Pic des Posets*, new route from W. (his 3rd ascent), 30/vii; to El Plan de Gistain, 31/vii, 1/viii (an intended ascent of Pic d'Eristé had to be abandoned owing to lack of provisions; see C.A.F. Ann., 1878, pp. 269–70). Bull. Soc. Ramond, 1876, pp. 23–34, with map.

1876. 1st ascent of *Pic des Arualas*, 23/vi (Bull. Soc. Ram., 1876, pp. 87–92); *Le Nethou* (his 5th ascent), new route from NE. by the Epaule (paper, C.A.F. Ann., 1876, pp. 3–16), 7/vii; 1st travellers' ascent of *Peña Collarada*, 16/vii; *Pic de Tendenera* (5th or 6th ascent, new route from SW.), 10/viii; *Pic de Maladetta* (5th ascent), 5/ix (C.A.F. Bull., 1876, pp. 190–2; Bull. Soc. Ramond, 1876, pp. 107–10).

Opened a subscription for the construction of a refuge on Mont Perdu. After raising 300 francs from Soc. Ramond and private friends, appealed to Direction Centrale of C.A.F. (C.A.F. Bull., 1876, pp. 129–30; a letter from him containing a fervid plea for the Pyrenees is printed, ibid., 291–2): attended the session of 6/x, as representative of Sud-Ouest section, and received a grant of 500 francs (C.A.F. Bull., 1876, p. 274; Ann., 1876, p. 606). Further sums from Packe, the S.-Ouest section

and the Syndicate Luz-Barèges brought the total to 1,250 francs : the whole management of the affair was placed in Russell's hands (C.A.F. Bull., 1877, pp. 147–8, 226).

1877. Began his search for a site, but after several expeditions (2–5/vii ; probably during one of these he ascended the westernmost of the *Pics de la Cascade*, Souvenirs, 180) was obliged to abandon his idea of an artificial grotto near the Lac Glacé, as too costly, and to reconcile himself to a hut. *Pic Cambales*, 21/vii ; *Mont Perdu* (his 6th ascent) with E. Wallon and others, site for hut chosen, 22/vii.

To Port de Venasque, 19/viii ; *Col des Salenques, Brèche*, 2,770 m., round S. flank of Pic Russell, '*Col des Bouquetins*', 20/viii ; 1st ascent of *Pic des Tempêtes*, descent to Malibierne valley, 21/viii ; 1st ascent of W. peak of *Maladetta*, 3,204 m. (from Hospice de Venasque viâ Col d'Albe), 25/viii. Inaugurated the Mont Perdu Refuge hut with a large party, 10/ix ; ascended *Soum de Ramond* from it (A. Guyard and G. Devin had completed the 1st ascent two hours earlier), 11/ix. He also had the *mauvais pas* on the Rochers Blancs (C.A.F. Ann., 1875, pp. 381–2, cf. iv. 339) made practicable (C.A.F. Bull., 297, S.-Ouest Bull., No. 1, pp. 15–16 ; C.A.F. Ann., 1877, p. 616). See as to the Refuge, C.A.F. Bull., 1877, pp. 306–9, Souvenirs, 370 ; and for expeditions, Bull., pp. 310–11, and papers by R., C.A.F. Ann., 1877, pp. 3–16, and Bull. Soc. Ram., 1877, pp. 91–6.

1878. 1st ascent of *Pic d'Eristé* or *de Bagueniola* : starting from Venasque ; reached a secondary summit, alone, 17/vii ; slept out and climbed the Central (highest) summit, 18/vii ; returned to Luchon by Lac and *Col de Litayrolles*, 21/vii (see below) ; 1st ascent of *Louseras*, 13/viii ; *Pic de Cambiel*, 17/viii ; *Pic de Cestrede*, 21/viii ; *Grand Pic de Batchimale* or *Pic de Tonnerre*, 10/ix (probably 2nd ascent ; the 1st certain ascent was by F. Schrader, 11/viii). Bull. Soc. Ram., 1879, pp. 166–75.

He wrote a paper on the expeditions of 17–21/vii, C.A.F. Ann., 1878, pp. 269–82 ; a foreword by F. Schrader describes it as pages from a forthcoming book. This book was the 1st edition of ' Souvenirs d'un Montagnard ', a collection of his papers mostly on mountaineering and kindred subjects—in Bull. Soc. Ramond and elsewhere. A few copies of it were distributed by Russell among his friends, but it was never published, as he was dissatisfied with the arrangement, and it is now very rare. (John Ball's copy was presented to the A.C. Library in 1921.) The

account in the C.A.F. paper of the visit to Pic d'Eristé in 1875 is omitted in the book.

Other extracts from it, comprising pp. 29–58, appeared from time to time in Bull. Soc. Ram., 1871, 1881, 82, 83. See C.A.F. Bull., 1879, p. 32, Beraldi, iv. 115.

Paper or Note on Mountain Sickness, Bull. Soc. Ram., 1878, pp. 15–17.

1879. *Pic d'Astazou*, 1st ascent of W. summit (viâ Col d'Astazou), 22/vii ; *W. Pic de Crabioules* and *Pic de Litayrolles*, 30/vii ; *Pic Quairats*, 1st ascent of highest point, 1/viii ; *Pic de Moulières*, 1st recorded ascent, 3/viii (C.A.F. Bull., pp. 120–79 : papers, C.A.F. Ann., 1879, p. 190, Sud-Ouest Bull. No. 6, Jan. 1880, p. 15).

1880. *Pic de Spijeoles*, 1/vii ; *Col Maudit*, 1st ascent, 7/vii (he thought the descent to the W. impossible, but see Z.A.V., 1911, p. 132) ; *Pic d'Eriloueil*, 1st ascent, 9/vii ; visited the *Gorge de Ramougne* alone, 11/vii. *Pic du Marboré* and visit of inspection to repairs of Mont Perdu hut (see letter, S.O. Bull. No. 6, Jan. 1881, pp. 47–9, and Souvenirs, 188), –/viii. Present at reunion of C.A.F. at Luz and Gavarnie, 20–3/viii (C.A.F. Bull., 1880, pp. 86, 95). *Vignemale* (his 5th ascent), spending a night on the summit, 25–6/viii (paper, Bull. Soc. Ram., 1881, pp. 49–59, in part an In Memoriam notice of E. Frossard). It was on this occasion that he resolved to build a shelter for himself near the summit and chose a site near the Col de Cerbillonas, 3,200 m.

Paper, C.A.F. Ann., 1880, pp. 204–28.

1881. 1st ascent of *Crête du Milieu des Monts Maudits*, reaching the SE. extremity (3,345 m.), 12/vii (Souvenirs, 476, La Montagne, ii. 390, v. 266, ix. 681) ; *Perdighero* from the E. by gorge and Col de Ramougne (probably a new route), 14/vii ; 'Sentimental journey' to Lacs d'Albe, 16/vii ; in the first days of Aug. (during which he revisited the glacier de Gabietou (see 1874) with Mr. and Mrs. Packe, *c.* 1/viii, and ascended the *Pimené*), he completed his arrangement for the construction of his Vignemale shelter, an artificial grotto. Spent the night of 5–6/viii on Col de Cerbillonas ; ascended the *Vignemale* (his 6th ascent) and *Pic de Cerbillonas*, 6/viii. Soon afterwards his men started excavation work, and on 6/ix he returned to Col de Cerbillonas (making his 7th ascent of *Vignemale*) to encourage them, but the night of 6–7/ix was a terrible one, and the whole

party came down discomfited, next day, without having obtained any substantial results (Sud-Ouest Bull. No. 11, pp. 1–3). Paper, C.A.F. Ann., 1881, pp. 134–57. Spent a night with General Nansouty at the Observatory on Pic du Midi de Bigorre, 9–10/xi (Sud-Ouest Bull. No. 11, July 1882, pp. 21–7).

1882. 1st ascent of *Grand Pic de Clarabide*, 5/vii (Bull. Soc. Ram., 1882, p. 95). His grotte was completed, at a height of *c.* 3,200 m., or 10,500 ft., 31/vii. He took possession of it, making his 8th ascent of the *Vignemale*, with F. E. L. Swan, 1/viii. They spent three nights there, climbing the *Pic du Clot de Hount*, 3/viii; descended from the grotte by the S. route (that probably followed by the early explorers in 1834 and 38), 4/viii; 1st ascent of *Dent d'Albe*, 1/ix. (Paper, C.A.F. Ann., 1882, p. 249; cf. Sud-Ouest Bull. No. 12, pp. 8–12, C.A.F. Bull. 1883, p. 9.)

1883. Asked Direction Centrale for 2,000 f. for the erection of a new refuge for Mont Perdu, which was granted, on condition that the refuge was built on French soil (Bull., 1883, p. 225). Visited the Brèche de Roland, and selected a site for it (making his 3rd ascent of the *Taillon*), 15/vii (Bull. Soc. Ramond, 1883, p. 31).

Made his 9th ascent of the *Vignemale* with Swan and Miss Swan (who spent the night in the grotte), 24/vii; Russell stayed on till 28/vii (ascended *Montferrat*). Made the 1st ascent of the *Pics de Tapou*, 1/viii; then inspected the progress of new refuge (which was completed in three weeks; his final report to Direction Centrale is printed Bull. 1883, pp. 285–7), and ascended both peaks of the *Gabietou*. (This refuge was erected on R.'s initiative, without any co-operation on the part of Sud-Ouest section; see C.A.F. Bull., 1889, p. 183.)

1st ascent of the Central (highest) summit of the *Pic d'Estatats*, 1/ix (Ann., 1903, p. 204); descended by Val de Gregonio to Baths of Venasque; 1st ascent of a nameless peak, *c.* 2,800 m. (afterwards *Pic de Ramougn* or *d'Aguas Peras*), 3/ix. At the grotte, with 10th ascent of *Vignemale*, 17–21/ix. Paper, C.A.F. Ann., 1883, pp. 128–51.

1884. Short preliminary visit to the grotte and 11th ascent of *Vignemale*, 29/vii. 12th ascent of *V.* (visit from E. Wallon and Louis Rocheblave, 4–5/viii; cf. C.A.F. Ann., 1884, pp. 190, 198–208; paper by E. Wallon). Stayed at the grotte, 4–12/viii; visit from H. Brulle and others; Mass celebrated in presence of thirty persons, 12/viii.

Paper, C.A.F. Ann., 1884, pp. 168–88.

1885. Ascended by the Eristé gorge to the ridge running S. from Pic des Posets, reaching it at *c.* 3,150 m. (night out, *c.* 2,300 m.), 22/vi ; returned, by *Col de Peramo* (ascending *Pic des Corvettas* or *de Peramo*) and the still unexplored vallée de Peramo, to Venasque, 23/vi. *Pic de Gallinero.* Short visit to the grotte and 13th ascent (3/viii) of *Vignemale.* Second visit, 21–8/viii, and 14th ascent. Completion of 2nd grotte (des guides).

1886. Visit of ten days (19–28/viii) to grotte, 15th ascent, 26/viii ; completion of 3rd grotte (dames seules), Sud-Ouest Bull. No. 20 (Jan. 1887), p. 96.

Paper on 1885 and 86, C.A.F. Ann., 1886, pp. 105–24. Much snow and stormy weather : first difficulties in making the grottes inhabitable, through encroachment of snow and ice.

1887. A week's sojourn at the grotte, the most satisfactory of all, but no detailed record of it. 16th ascent of *V.*, with Packe. (Further trouble in opening grottes 1 and 2.)

1888. Eight days' stay and 17th ascent ; inaugurated two new grottes (Belle-Vue) at base of glacier d'Ossoue, 2,400 m. Visits from Cte R. de Monts, J. Bazillac, H. Brulle, and Mme Brulle who put up a luxurious tent on the snow, Cte de Saint Saud, and others (cf. Beraldi, v. 12, and C.A.F. Ann., 1888, p. 221). At least 200 tourists, including 15 ladies, have slept in his grottes up to this date. Descended 12/viii by the high ridges at head of Val d'Ossoue and valley of Estoum-Soubiran to valley of Aspé and Gavarnie. Paper, C.A.F. Ann., 1888, p. 154. In this year he published the 2nd edition (see 1878) of ' Souvenirs d'un Montagnard ', reviewed by Packe, xiv. 255–7.

In 1889 the three upper grottes practically ceased to be habitable, and the season (two visits, 18th and 19th ascents) was devoted to the making of a third large grotto, No. 6, at Belle Vue.

1890. This grotto was completed and occupied during a week of storms. 20th ascent, 24/viii. (Sud-Ouest Bull. No. 28 (Dec. 1890), p. 127 ; paper in ' Revue des Pyrénées ', reproduced Souvenirs, 154.)

1891. 21st ascent ; stayed a week. Ascents of *Labassa* (or *Pic d'Estoum Soubiran*) and *Taillon* (his 5th) ; visit to Refuge de Tuquerouye (inaugurated by C.A.F. a few days before) ; made his 7th ascent of *Mont Perdu*, spending a night on the summit, 17–18/viii. Paper, C.A.F. Ann., 1891, pp. 185–204.

1892. 22nd ascent of *V.* Made an attempt to return to higher levels, and began his seventh grotte, the highest of all (3,280 m.), at which a Mass was celebrated, 11/viii, attended by H. Brulle. But little real progress was made in the hard rock (S.O. Bull. No. 32, pp. 133–6).

1893. With the aid of dynamite his seventh grotte, the 'Paradis', was successfully completed, and he inaugurated it by spending the night there, 26–7/vii, on his 23rd ascent (S.O. Bull. No. 34, pp. 90–3).

1894. Eight days' stay, and two ascents, 24th and 25th; he celebrated the latter, his silver wedding, by staying for the night at the 'Paradis', 19–20/vii (S.O. Bull. No. 36, pp. 118–19).

He wrote a paper, 'Histoire et Vicissitudes de mes Grottes du Vignemale', Bull. Soc. Ram., xxx (1895), pp. 231–49, telling the story connectedly; it is reproduced, Souvenirs, 582–600, with additions.

1895. Five days, 26th ascent, 1/viii (S.O. Bull. No. 38).

1896. Last week of July on V., 27th ascent, 26/vii; *Petit Vignemale* alone (his 3rd ascent), 29/vii (S.O. Bull. No. 40, pp. 76–7).

1897. Last week of July on V., 28th and 29th ascents.

1898. 30th ascent, 23/vii; reascended *Labassa* (see 1891). Long stay and many visitors.

1899. Letter in S.O. Bull. No. 46, p. 78 (not reproduced in Souvenirs) announcing that he has made no serious expeditions, and refrained from ascending Vignemale, as this would involve going on to the 40th ascent.

1900. Could not refrain. *Petit Vignemale*, 11/viii (4th ascent); 31st ascent of *Grand V.*, 12/viii (S.O. Bull. No. 48, pp. 121–4).

1902. Ten days at Belle Vue, 32nd ascent, 5/viii (S.O. Bull. No. 52, p. 86); visit from Brulle, 10/viii (Beraldi, vii. 266–7).

1904. Seventeen days at Belle Vue; 33rd and last ascent, 8/viii (S.O. Bull. No. 56, pp. 70–3).

Wrote an In Memoriam notice of the guide Chapelle, Bull. Soc. Ram., 1875, pp. 44–6.

Contributed a chapter on the charms and beauties of the Pyrenees to the 'Manuel d'Alpinisme', issued by C.A.F., 1904, and a paper, 'Montagnards et Montagnes', to La Montagne, ii (1905), 354, reproduced in Souvenirs with the title, 'L'Acrobatie dans les Montagnes'.

Wrote prefaces to 'Les Pyrénées: Chasse à l'Isard', by

Jules and Jacques Peyrafitte (1902), and 'Au Pays des Isards', Part I, 2nd edition (1903), by the Cadier brothers.

In 1902 he published a collection of papers similar to the Souvenirs, entitled 'Pyrenaica' (including an In Memoriam notice of Packe from C.A.F. Bull., 1896, pp. 319–24). Most of its contents, as well as one or two later papers—'Ascensions solitaires aux Pyrénées', Pau Gazette, 20 Jan. 1901 (see xx. 409), and 'L'Art de Gravir les Pyrénées', from Bull. Pyrénéen, 1905—were included in a final edition of the 'Souvenirs d'un Montagnard', 1908 (review by Fr. Schrader, La Montagne, iv b, p. 232, an eloquent appreciation of R.'s brilliant literary merits.

Member of Soc. de la Géographie de Paris and of Soc. Géologique. Though he regarded the mountains rather as a poet than a man of science, he was keenly interested in topography and had an excellent eye for country; and it is worth recording that he made two communications to F. A. Forel, reproduced by the latter in his reports on the variations of glaciers for 1885 and 86 (S.A.C.J. xxi. 387, xxii. 253).

Hon. Albert Dudley Ryder

(Mar. 1873, d.m. 1881)

Born 23 Aug. 1843, Putney. Fourth son of the 2nd Earl of Harrowby (D.N.B.) and Susan Juliana Maria Hamilton, d. of Villiers Dent of Barton Court, Hants.

Educated Harrow and Trinity College, Cambridge; B.A., 1866.

Barrister (Middle Temple), 1868; Oxford Circuit.

Died unmarried 12 Dec. 1881.

Q. Alpine.

1874. *Titlis* 'by the short route', with C. B. Hutchinson, 25/ix (O.V.B.).

1872. With William White (q.v.), *Jungfrau*; *Finsteraarhorn* (Joh. Fischer).

Henry Salmond, R.N.

(Dec. 1873, resigned 1887)

Born 31 Dec. 1838. Son of James Salmond, J.P., of Waterfoot, Cumberland, and Emma Isabella, d. of D'Ewes Coke, J.P., of Brookhill Hall, Derbyshire.

Married 1886 Elizabeth Isabella, d. of Edward Bunbury Litchfield, 48th Bengal N.I.

Entered the Navy, 1852; served in the Baltic during the Russian War, 1854 (present at the bombardment of Bomarsund, Baltic medal), and in the China War, 1857 (medal). Lieutenant, 1860; Commander, 1870; Post Captain, 1880; retired, 1887; promoted to rank of Rear-Admiral on the retired list, 1895. Received the Silver Medal of the Royal Humane Society for having jumped overboard at sea and saved a man's life, –/xii, 1869.

Succeeded his father at Waterfoot, 1880 (his elder brother, after greatly distinguishing himself in the Indian Mutiny, was killed near Cawnpore, 6/xii/1857). Also of Langton Hall, Notts. J.P. for Notts. and Derbyshire.

Died 28 April 1895. (*The Times.*)

Q. Alpine.

1860. *Monte Rosa*, 24/viii (xxxi. 222, 323).

1873. *Mont Blanc*, 17/vii; *Matterhorn*, 24/vii.

David George Sandeman

(31 March 1874, resigned 1874)

Born 6 Feb. 1844. Son of David Sandeman of Kirkwood and Julia, d. of Andrew Robertson of Foveran, Aberdeenshire.

Married 1st, 1866, Alice, d. of Major-General Cockburn of Bracondale, Norfolk; 2nd, 1878, Wilhelmina, d. of Hugh Fraser Sandeman and widow of Nicol MacNicol of Calcutta.

Educated Rugby.

Joined the 16th Lancers, 1862; Lieutenant, 1864; retired, 1866. Captain W. Norfolk Militia.

Died 12 April 1895.

Q. 'Across Lapland alone. Ceylon, India, Nepal, Sikkim. Morocco. Upper Nile. The Sphinx (to the top, without help).'

Henry Schutz-Wilson

(Dec. 1871, resigned 1898)

Born 15 Sept. 1824, London. Son of Effingham Wilson and a daughter of Thomas James of Chigwell, Essex.

Educated at a private school at Highgate.

Was employed for ten years in a commercial house in London, during which time he acquired a thorough knowledge of French, German, and Italian. Then became Assistant Secretary to the Electric Telegraph Company, retiring on a pension when the business was taken over by the Post Office in 1870. Editor of the 'Journal of the Society of Telegraph Engineers', 1872.

Wrote frequently in the London magazines; published a novel, 'The Voyage of a Lady', in 1860, and 'Count Egmont as depicted in Fancy, Poetry, and History' in 1863. Reissued his chief articles in 'Studies and Romances' (1873, see below), 'Studies in History, Legend, and Literature' (1884), and 'History and Criticism' (1886). Also published 'The Three Paths' (a novel) and 'Philip Mannington, a Novel, and Eisleben', 1874 (see below). All the three novels were translated into German.

He was a popular figure in literary and artistic circles, and for more than thirty years was accustomed to propose the health of newly elected Royal Academicians and Associates at the Arts Club. Was an enthusiastic fencer and a zealous volunteer, becoming a Captain in the Artists V.R.C.

Died unmarried 7 May 1902. (D.N.B.)

Q. Alpine.

His 'Studies and Romances' and 'Philip Mannington', which include some Alpine articles, were reviewed, vii. 271. In 1878 he published 'Alpine Ascents and Adventures: and Rock and Snow Sketches', reviewed, viii. 466; a good deal of the book had already appeared in the two previous volumes and in the *Gentleman's Mag.* and *Tinsley's Mag.* See xxii. 316; xxiv. 598–9. It contains accounts of incidents in the following seasons:

1869. *Weisstor* and *Dom*, with A. Bailey (see vol. i), his 'Arthur Braybrooke'; article in the *Dark Blue Mag.* June 1871 entitled 'An Exalted Horn' (ch. i).

1871. *Altels*; *Jungfrau*, 8/viii; *Monte Rosa*, 15/viii; *Théodule*; *Col du Géant*; *Tschingel* pass (ch. ii).

1872. With C. E. Mathews and F. Morshead, *Mönchjoch* in bad weather; *Wetterhorn*, 15/viii. It was on this occasion that he persuaded Melchior Anderegg to take to the sculpture of human beings as well as of chamois and cows (vi. 315; cf. vii. 269 and 'Alpina', 1915, p. 127). *Mont Blanc* (ch. iii).

1873. *Balmhorn*, with Morshead and J. T. Bramston or C. H.

Hawkins, 6/viii ; had an accident on the descent which lamed him for the rest of the season (ch. iv).

1874. With Mathews and Morshead, attempt on *Col des Hirondelles* ; *Col du Tour* ; *Fletschhorn*, 25/viii (see vii. 422) ; attempt on *Weisshorn* with Morshead, Bramston, and Hawkins ; attempt on *Matterhorn* (chs. vi and vii).

1875. *Schreckhorn*, 15/viii ; was struck by a stone during the ascent, but reached the crest of the mountain though not the actual summit : see viii. 467 (ch. viii).

1876. *Matterhorn*, 16/viii (ch. ix). According to E. Whymper's list, which is confirmed by the Hut book, he also made the ascent 27/viii/1875, with Morshead and A. O. Prickard, but after reading the account of this ascent it is difficult to believe that he had been up before.

1877. Bivouacked for Rothhorn (ch. x).

A later article, in *Tinsley's Mag.* Sept. 1885, 'The Alpine season of 1882', dealt with the fatal accidents of that year (F. Balfour, W. Penhall, W. E. Gabbett).

Albert Edward Scott

(May 1872, d.m. 1877)

Born 9 June 1845. Son of James Scott of the Nunnery, Horsham. Brother of F. H. Scott.

Educated Rugby.

Solicitor (1866), London, in partnership with F. H. Scott. Went to South Africa, *c.* 1875.

Died at his residence, 'Sevenoaks' near Grahamstown, Cape Colony, 1877.

Q. Alpine.

Frederick Henry Scott

(Feb. 1868, resigned 1878)

Born 14 Dec. 1838, London. Brother of A. E. Scott (q.v.).

Married 1874 Edith, d. of Rev. H. Louis Koe.

Educated Merchant Taylors' School and Trinity College, Cambridge ; B.A., 1862.

Solicitor (1865), London. In partnership with A. E. Scott, 1866 – *c.* 1872.

Barrister (Lincoln's Inn), 1874.

Of Brightling Park, Hawkhurst. J.P. and D.L., Sussex. Later of Heathfield Park, Sussex.

Director of the Trust and Loan Company of Canada.

Died 1918.

Q. Alpine.

William Carr Sidgwick

(Dec. 1868, resigned 1872)

Born 1834, Rampside, Lancashire. Son of Rev. William Sidgwick, Head Master of Skipton Grammar School, and Mary Crofts.

Married 1872 Sarah Isabella, d. of John Vincent Thompson, Sergeant-at-law.

Educated Blackheath School and Corpus Christi College, Oxford; 1st Class in Classical and 2nd Class in Mathematical Moderations, 1854; 1st Class in Literae Humaniores, 1856.

H.O., 1859. Fellow of Merton College, 1857–72; Tutor, 1859–70; Principal of Postmasters and Chaplain, 1867–8. Examiner in Literae Humaniores, 1865, 74, and 75. Resigned Orders under Clerical Disabilities Relief Act in 1871, and entered as a student at Lincoln's Inn. For a short time Master at Elizabeth College, Guernsey, then migrated to London and devoted himself to journalism. Lecturer in Logic and Political Economy at Oriel College, 1881–2. Founder, *c.* 1864, of the 'Ad Eundem Society', a dining club of members of the two Universities, which met alternately at Oxford and Cambridge, and of which Sir L. Stephen and Lord Bryce were members. In later years lived in retirement at Rugby.

Died 18 Oct. 1919. (*The Times.*)

Q. Alpine.

1867. See W. Esson.

1877. *Mont Blanc*, 5/viii.

1887. Present at banquet after inauguration of the De Saussure Monument at Chamonix, 28/viii (C.A.F. Bull., 1887, p. 273; Schw. Alp. Ztg. v. 229).

Archibald Henry Simpson

(Feb. 1874, resigned 1892)

Born 1 Oct. 1843, Clapham. Son of George Simpson, barrister.

Married 1885 Alice Marion, d. of Rev. Charles Dashwood-Goldie, Vicar of St. Ives, Huntingdonshire.

Educated Tonbridge School (Football team, 1859–60) and Christ's College, Cambridge (Scholar); 8th Classic, 1865. Fellow of Christ's College, 1865–82.

Barrister (Lincoln's Inn), 1868. Author of 'The Law and Practice relating to Infants'. Went to Sydney, Australia, 1881, and practised there. Puisne Judge of the Supreme Court, and Judge in Probate, Bankruptcy, and Equity, New South Wales, 1890–6; Chief Judge in Equity, 1896.

Fellow of the University of Sydney, 1897; Vice-Chancellor, 1902–4.

Q. Alpine.

1873. *Monte Rosa*; *Weisstor* (P. Knubel).

1874. See M. Cullinan.

1876. *Diablons*; *Col Durand*; *Gabelhorn*; *Weisshorn*; *Furggjoch*, with F. J. Cullinan (xxxii. 102; P. Knubel).

1877. *Piz Bernina*; *Piz Caputschin*; *Piz Gluschaint* (Chr. Almer, p. 209).

William Simpson

(March 1872, d.m. 1899)

Born 28 Oct. 1823, Glasgow. Son of William Simpson of Perth, marine engineer, and Anne Johnstone.

Married 1881 Maria Eliza, d. of Thomas Burt, C.E.

Had no regular education except during fifteen months at Perth, 1834–5. Worked in a small lithographic office in Glasgow, 1836–9, and attended free lectures on Science at the Andersonian University and the Mechanics' Institute. Was apprenticed to Allen & Ferguson, lithographers, *c.* 1840. Taught himself to draw and paint, making his own colours; and after its foundation in 1845 attended the Glasgow School of Design. Exhibited pictures at the Glasgow Exhibition. Made a number of sketches of old houses and buildings, which were published by his firm under the title of 'Views and Notices of Glasgow in Former Times'

in 1848, but the only name which appeared on the title-page was that of Robert Stuart, who wrote the letter-press.

Went to London, Feb. 1851, and worked for three years for Day & Sons, then the principal lithographers in London. In Oct. 1854 was sent by Messrs. Paul & Dominic Colnaghi to the Crimea to make sketches for a large work, 'Illustrations of the War in the East', afterwards published by them in 2 vols., 1855–6. He was thus the pioneer War Artist, and received a commission to paint a picture of Balaclava for Queen Victoria. Before returning, made a trip with the Duke of Newcastle down the E. coast of the Black Sea; left Kertch 29/ix/1855; visited the Kuban R., Noworossiisk, and other places, spending some time at Sukhum Kaleh; arrived at Batum 31/x; touched at Trebizond and Sinope, and thence crossed the Black Sea to Balaclava, 4/xi.

Owing to a breakdown in health lived quietly in Scotland, autumn 1857–spring 1859. A project for a book on Napoleon III's Italian campaign came to nothing, and S. was commissioned by Day & Sons to go to India and make sketches for an illustrated book on that country. Went by the Cape of Good Hope and reached Calcutta 29/x/1859. Attended a great Durbar at Delhi, 29/xi–14/i/1860, and went on in the train of the Governor-General to Umballa, Amritsar, Lahore, Peshawar. In May arrived at Simla.

Left Simla 9/vi and went by Lord Dalhousie's Tibetan road (*c.* 16 marches) to Chini, where he made a long stay; went on over the *Werang* pass to Lebrung and Kanum, and back, 9–15/viii; left Chini for Simla, 28/viii (cf. vii. 261–2 and C. M. Smith's paper, iii. 55–61). He wrote a paper on the Pujahs—religious ceremonies—witnessed by him at Chini in 'Good Words', Sept. 1866, and another, with sketches, 'Journ. of Asiatic Soc.', xvi. 13, where he mentions others seen at Karsali near Jumnootri, 30/v/1861, and at Bala on the Ganges.

Visited Delhi again, Agra, Cawnpore, Lucknow, Allahabad, Benares; attended another Durbar at Jabalpore; then travelled alone to Bhopal, Indore, and viâ Nimach to Udaipur and Chitor, Nov. 1860–March 1861. Arrived at Mussoorie 6/iv; 2nd Himalayan trip, April–Oct. 1861. Left Mussoorie 19/iv, went to Gangootre (*c.* 15 marches), and thence visited the sacred glacier which forms the source of the Bhagirathi, usually regarded as the main stream of the Ganges. (He read a paper before the

Club on this trip, vi. 385.) Returned for a few marches down the Bhagirathi, then turned W. to (8 marches) Junootri, the source of the Jumna ; crossed the *Manji Kanta* pass (13,500 ft.) to the Tonse valley (see xiii. 477), and the *Roopin* pass (*c.* 15,000 ft.), reaching the Sutlej valley a little below Chini (cf. vii. 260) ; crossed the *Werang* pass to Spiti ; up the Spiti River to the *Parang La* (18,500–19,000 ft.), 4/vii ; by the Tsomoriri Lake, Puga, and the Tso Kar or Salt Lake to the *Tung Lung* pass (*c.* 18,000 ft.), and by the Indus to Leh. Thence by the *Zoji La* route to Kashmir, reaching Srinagar 31/vii, after 104 days of almost continuous travel which he estimated at 1,500 miles. He read a paper before the Club on 'The Himalayas', 6/iv/1875 (see vii. 224) ; a summary of it, vii. 259–62, gives full details as to the marches. Remained in Kashmir till 15/ix ; went on by the *Pir Panjal* pass to Jummoo, and was present at the first investiture of the newly created Order of the Star of India at Allahabad, 1/xi. Arrived at Madras 13/xi ; by steamer to Honawer on W. coast ; visited the Gairsoppa Falls, went on in a 'patamar' (native boat), reaching Bombay 23/xii. Visited Poonah and Mahableshwar, Ahmednagar, Aurungabad, the Caves of Ellora and Ajunta, and Nasik. Left Bombay 12/ii/1862 and returned viâ Egypt after travels which he estimated at 22,570 miles.

After his return shared chambers in Lincoln's Inn Fields with T. W. Hinchliff till 1880. For four years he was occupied in working up his Indian notes and sketches into pictures, 250 in all. Towards the end of this period the firm of Day & Sons was converted into a Limited Company. In the autumn of 1866 S. was in Scotland and executed a small commission for the *Illustrated London News*, the beginning of a connexion which lasted for the rest of his life. Shortly afterwards he discovered that the old firm of Day & Sons was practically bankrupt, and as he had been accustomed to treat the firm as his banker, the whole of his savings during the previous seven years were lost. 'This', he says, 'was the big disaster of my life.'

During Nov. 1866 he went to Petrograd for the *I.L.N.* to attend the wedding of the Czarevitch (Alexander III), and accompanied the Prince of Wales (afterwards King Edward VII) on a visit to Moscow. On his return he became Art Manager and soon afterwards Acting Secretary to Day & Sons, Ltd., but before the end of 1867 the company went into liquidation.

About fifty of the plates from his pictures had been completed and were published with a text by Sir John Kaye, but the great projected work on India never came into existence.

S. now established closer relations with Sir W. Ingram, the proprietor and editor of the *I.L.N.*, and began a remarkable series of journeys on behalf of that paper. He resigned his post with the company, Feb. 1868, and left England 3/iii to join the Abyssinian expedition. Landed at Zula 27/iii, and reached Head-quarters 20/iv, after the expedition had accomplished its object and left Magdala; reached Zula 2/vi, and England 2/vii.

Started 22/xii/1868 to illustrate the new route to India; spent some days at the nearly completed Mont Cenis tunnel (see 'Meeting the Sun', pp. 10–14). Went on to Brindisi and Egypt and was shown over the Suez Canal (also nearly completed) by M. de Lesseps (see ibid., ch. v); saw and illustrated the ceremonies of the arrival of the Prince and Princess of Wales at Cairo; then went to Jerusalem, where Sir Charles Warren (then Captain Warren) was conducting excavations for the Palestine Exploration Fund. S. made many sketches of which forty were exhibited in 1872 under the title 'Underground Jerusalem'. (In 1878 he was appointed a member of the Executive Committee of the fund.) Thence he went up the coast by steamer to Beyrout, Tripolis, and Alexandretta, and viâ Messina, Rhodes, and Smyrna to Constantinople. Thence revisited the Crimea, arriving at Sebastopol 21/iv/1869; returned by steamer up the Danube to Bazias; thence by rail to Vienna, and home by the Rhine and Brussels.

Left England 15/x/1869, made a rapid tour through Brittany; went from Nantes to Bordeaux, and viâ Carcassonne and Nimes to Marseilles; arrived in Egypt for the opening of the Suez Canal 16/xi. Left Cairo 25/xi, and arrived in Rome 1/xii for the Vatican Council; stayed about six weeks; joined the British Archaeological Society of Rome and read a paper on the Suez Canal.

Left London 20/vii/1870 for Paris; visited Sedan soon after the battle; present at the fall of Strasburg; visited other battle-fields; witnessed the surrender of Metz, 29/x; returned to London 16/xi, went back to Versailles 11/iv/1871; stayed there till the end of the Commune, and then till 10/vi in Paris. Later in the year attended the Sir Walter Scott centenary in

Edinburgh, and the opening of the Mont Cenis tunnel 17/ix (' Meeting the Sun ', p. 14).

1872–3. Left England 5/viii to be present for the *I.L.N.*, and also as correspondent of the *Daily News*, at the marriage of the Emperor of China. Went by rail to Venice ; thence by sea to Brindisi and Egypt, 9–15/viii ; arrived at Pekin viâ the Peiho and Tientsin early in October, and contrived to get a view of the closely guarded midnight wedding procession, 15–16/x. Visited the Great Wall of China. Returned to Shanghai, went up the Yangtse river to Hankow, &c., Nov.–Jan. 1873 (wrote a remarkable series of letters to the *Daily News* on Chinese Social Life). Spent a month in Japan. Went on to San Francisco, 24/ii–21/iii ; made his way to the U.S. forces engaged in fighting the Modoc Indians ; reached their camp five days after the fight of 15/iv, and was able to visit the Indians' stronghold in the Lava Beds (wrote a paper on ' The Modoc Region ', Proc. R.G.S., 1875, p. 292) ; visited the Yosemite valley, Salt Lake City, the Mammoth Caves of Kentucky, Washington, and New York, and made a hurried trip to Niagara. Arrived in England 24/vi. He described the whole tour very fully (as well as some episodes in earlier journeys) in ' Meeting the Sun, a Journey all round the World ' (1874), in which more than forty of his *I.L.N.* drawings are reproduced. An article on Pidgin-English entitled ' China's Future Place in Philology ' appeared in *Macmillan's Mag.* xxix (1873–4). His sketches were exhibited under the title ' Round the World '.

1875. Left England 28/ix for Berlin ; visited the Crown Princess at Potsdam. Thence to India ; arrived at Bombay 30/x ; accompanied the Prince and Princess of Wales on their four-months' tour, Nov.–Feb. 1876, and was one of the privileged few who went with the Prince on a shooting trip in the Terai. Returned in March. In 1876 he published ' Picturesque People or Groups from all Quarters of the Globe ' and ' Shikar and Tamasha, a Souvenir of the Visit of the Prince of Wales to India '.

1877. Started 2/ii for Athens ; went from Corinth to Mycenae (the scene of Dr. Schliemann's excavations begun in 1870 and still in progress), Argos, Tiryns, and Nauplia, and returned by steamer to the Piraeus. Then went to the Dardanelles and made a five-days' trip to Hissarlik (Schliemann's ' Troy ') in April. (He wrote articles on ' The Schliemannic Ilium ' and Mycenae, criticizing Schliemann, in *Fraser's Mag.* July and Dec. 1877 ;

the argument was carried on in letters to *The Times*, 16 and 24/viii/1877. Simpson was the only person who ventured to doubt Schliemann's conclusions in England in print at the time.) Then visited Smyrna and the ruins of Ephesus, Philadelphia, Sardis, and Magnesia. (Letter to the Academy, 14/v/1881, on the so-called rock-sculpture of Niobe at Magnesia.)

1878–9. Started for third visit to India 15/x ; joined General Sir Samuel Browne's column at Jamrud, and started with it up the Khyber pass road, 21/xi ; at Dakka *c.* 30/xi–18/xii ; at Jellalabad 20/xii–12/iv/1879 ; at Gundamuk, where peace was signed, in May, *c.* 13/iv–2/vi. During this period he took Archibald Forbes's place for some time as war correspondent to the *Daily News*. With the help of Major (afterwards Sir Louis) Cavagnari (whom he nearly accompanied later on his fatal visit to Kabul) S. carried on extensive explorations among the Buddhist remains—mounds, caves, and topes—in the Jellalabad valley, which offered an untrodden field to the architectural archaeologist ; excavated the Ahin Posh Tope, unearthing Indo-Scythian coins of the first century A.D., and Roman coins of the first and second centuries (paper in 'The Indian Antiquary' ; cf. ' Journ. of Asiatic Soc.', xii, N.S., 266, and li–liii) ; identified the site of Nagarahara, the ancient capital, visited by the pilgrim Hiouen Thsang (paper, ibid., xiii, N.S., 183. He wrote further papers on Buddhist caves and topes, including a sculptured tope, sketched at Dras in 1861, ibid., xiv. 28, 319, 332).

Made a trip up the Kunar valley to Islamabad ; and an ascent to *c.* 8,000 ft. on the Suffaid Koh range with Cavagnari, 24/iv.

Wrote a long letter on the ascent by an Englishman of Sikaram in the Suffaid Hoh range, giving many details as to the orography, &c., of the district, which is printed ix. 288–93. Read a paper before the Club on the Jellalabad Region, 2/iii/1880, showing sketches of the mountains and antiquities (ix. 513, x. 12–19).

Also wrote a paper on ' Ancient Buddhist Remains in Afghanistan ', *Fraser's Mag.* 1880, a. Developed his views as to architecture in a paper read before the R.I.B.A. and a later one, ' Some suggestions of Origin in Indian Architecture ', ' Journ. of Asiatic Soc.', xx. 49–71. Read a paper on 'The Jellalabad Region' before the British Assoc. at Sheffield (1879, ' Report ', 443–5) ; see also a Letter, Proc. R.G.S., 1879, pp. 80–2, on ' The Dara Nur '.

1881. At Berlin for the marriage of the ex-German Emperor (27/ii).

1883. At Paris for Gambetta's funeral, 4–6/i ; went to Berlin at the end of January to attend the silver wedding of the Crown Prince and Princess of Germany, but came in for the funeral of Prince Charles of Prussia instead. Went to Moscow for the coronation of the Czar Alexander III, 21–3/v ; returned by Petrograd and Stockholm. Attended the Luther Quatercentary celebrations at Worms and Wittenberg in November.

1884–5. Started early September with Sir Peter Lumsden and the Afghan Boundary Commission ; travelled viâ Vienna, Odessa, and Batum to Tiflis ; thence viâ Baku and Retch to Teheran. Left Teheran 2/x, by the great road viâ Shahrud, Sebzewar, and Nishapur to (*c.* 1/xi) Meshed ; thence to Sarakhs and down the Heri Rud river to Kushan ; thence to Penjdeh ; spent most of the winter at Bala Murghab. Returned by same route to Shahrud ; thence viâ Asterabad to Bander Gez on the Caspian ; and by steamer to Baku. Arrived in London 29/iv/1885.

He was present at the funerals of the Emperor William I and the Emperor Frederick in 1888, and at the opening of the Forth Bridge, 1890, but made no more long journeys ; read papers on the Graeco-Buddhist Architecture of the Indus region and Afghanistan before the Ninth Congress of Orientalists in 1891 ; on Indian Architecture before the rival Ninth Congress, 1892 ; and on 'Lithography as a Chapter in the History of Illustrative Art' before the Society of Arts ; for the latter he was awarded the Society's silver medal. His health was undermined by an attack of bronchitis caught at the Forth Bridge, and he spent the rest of his life in literary and artistic work at Willesden.

Wrote an Autobiography, carried down to 1893, which was published in 1903 ; 'The Buddhist Praying Wheel' (1896) ; 'The Jonah Legend ; a Suggestion of Interpretation' and 'Glasgow in the Forties' (sketches made by him in 1848, with descriptive letter-press), both published after his death in 1899, the latter with portrait, biographical memoir, and a list of his principal papers.

Associate 1875, Member 1879, of the Institute of Painters in Water Colours ; exhibited there annually, 1874–99, fifty-nine pictures in all. Original member (1883) of the Institute of Painters in Oil Colours, but retired in 1886. F.R.G.S., 1863. Hon. Associate of R.I.B.A., and of the Glasgow Institute of Architects. Member of the Royal Asiatic Society. One of the founders of the Society of Biblical Archaeology. Wrote many

papers in the Transactions and Proceedings of all these institutions, also *Harper's Magazine*, *Fraser's Mag.*, and *Good Words*. Was an enthusiastic Freemason : initiated 1871 and later Master of the Quatuor Coronate Lodge. He was a *persona gratissima* with the Royal Family and the Empress Frederick ; it was largely due to this that the Institute of Painters in Water Colours became the Royal Institute in 1884.

Died 17 Aug. 1899. (D.N.B., &c.)

William Walmesley Simpson

(May 1874, d.m. 1917)

Born 1848. Son of Thomas Simpson of Oswaldtwistle.

Married 1875 Mary Gertrude, d. of John Arkwright of Bowdon, Cheshire.

Educated Rossall.

Colliery owner, Accrington, Lancashire. J.P. for Lancs., 1883.

Died 8 Jan. 1917.

Q. Alpine.

1873. *Finsteraarhorn* ; *Oberaarjoch* ; *Strahlegg* (Almer, p. 208); *Matterhorn* traversed, 26/vii (R.M. i. 46).

1874. *Weisshorn*, 14/vii (A. Pollinger) ; *Dent Blanche* ; *Col de Collon*, *c.* 20/vii, all with L. Baxter.

1875. *Triftjoch*, 21/vii ; 1st travellers' passage of the *Seewinen* pass or *Faderjoch*, 25/vii (vii. 324, xi. 202 ; Studer, ii. 436) ; *Rimpfischorn* with W. E. Davidson, 29/vii.

1877. *Brunegghorn* by a new route from the Biesjoch, 8/viii (viii. 338).

1878. Made a variation on the *Allalinhorn*, 23/vii (ix. iii).

1880. Made a variation on the S. side of the *Col Tournanche*, 8/viii (x. 162).

1910. Presented to the Club a copy of the Royal Folio plates of Brockedon's ' Passes in the Alps ' (xxv. 195, 261).

Clement Madeley Smith

(June 1866, d.m. 1907)

Born 1827 or 1828. Son of Rev. J. Bainbridge Smith, D.D., of Horncastle.

Married 1870 Edith Charlé, d. of George F. Ramfry of Truro.

Assistant Surgeon in the Indian Army, 1854; early in 1857 was sent as medical officer to Kashmir; had his first experience of mountaineering when crossing the *Wardwan* pass, 2/v, on a shooting expedition; soon afterwards news of the outbreak of the Mutiny reached Kashmir, but he remained there on duty till the autumn. Reached his regimental head-quarters in December and took part in the campaign on the Euzofzaie border, April–May 1858 (see Sir Sydney Cotton's 'Nine Years on the North-West Frontier of India', chap. xv). Was then posted to the 1st Punjab Cavalry; was severely wounded in the right arm and sent home at the termination of the Mutiny in 1859, with a stiff joint for life.

Died at Torquay, aged 79, 22 March 1907.

Q. Sundry glacier expeditions in the Himalayas to and from Tibet—sporting expeditions.

1864–5. Returned to India Dec. 1864, and after some big-game shooting in Central India, arrived at Simla 15/vi (owing to two serious accidents, this was six weeks later than he had intended). Left Simla 23/vi by Lord Dalhousie's Tibetan road; reached Punghi 10/vii, crossed the *Werang* pass (13,200 ft.) 13/vii; reached the Spiti river by the *Ronung* (14,354 ft.) and *Hungrung* (14,530 ft.) passes, 14, 15/vii; went up the Spiti valley and crossed the *Parang La* (18,500 ft.), 27/vii. (He read a paper before the Club on this portion of his tour, 'A Walking Tour through the Himalayas, from Hindostan to Tibet', iii. 52; cf. vii. 261–2).

Francis Nicholas Smith

(Dec. 1864, resigned 1878)

Born 31 Aug. 1838. Son of Martin Tucker Smith, M.P., and Louisa, d. of Sir Matthew White Ridley, Bart.

Married 1st, 1868, Florence Catherine, d. of William Drury Lowe; 2nd, 1881, Constance Ella, d. of Rev. Benjamin Winthrop.

Educated Eton and Trinity College, Cambridge; B.A., 1862.

Partner in the banking firm of Messrs. Samuel Smith & Co., Derby.

J.P. and D.L. Derbyshire; High Sheriff, 1907. Was a Lieutenant in the Nottinghamshire Yeomanry and Captain in the 1st Derbyshire Rifle Volunteers.

Q. Alpine.

1864. *Mont Blanc*, 5/vii (C.A.I. Boll. xiii. 583).

1866. High Level Route, Chamonix–Zermatt; *Monte Rosa*, 9/ix (O.V.B.); *Lysjoch*, descent to Col d'Olen (Note by him, ii. 413).

Henry John Smith

(Dec. 1871, d.m. 1879)

Born 11 Jan. 1838. Son of Rev. Reginald Southwell Smith, Canon of Salisbury and Rural Dean, and Emily Genevieve, d. of Henry Hanson Simpson of Bitterne Manor House, Hants. Brother of W. W. M. Smith.

Married 1874 Alice Bertha, d. of Rev. Edmund Dawe Wickham, sister of A. P. Wickham, A.C.

Clerk in the Ordnance Office, 1855; on its abolition became a Junior Clerk in the War Office. Retired, 1878.

Died 10 Nov. 1879.

Q. Alpine.

1870. *Galenstock*; *Oberaarjoch*; *Finsteraarhorn*; *Dom*; *Mont Blanc*, 23/vii, with W. W. M. Smith (Joh. Fischer; Joh. Tannler).

1874. *Matterhorn*, 25/viii.

Colonel Walter William Marriott Smith

(Dec. 1870, resigned 1909)

Born 21 Dec. 1846. Brother of H. J. Smith (q. v.).

Married 1874 Alice Mary, d. of John Henry Ley of Trehill, Devon.

Educated Marlborough and Royal Military Academy, Woolwich.

Entered the Royal Artillery, 1867. Captain, 1878; Major, 1884; Lieut.-Colonel, 1891; Colonel, 1898. Passed the Staff College with honours, 1877 (specially mentioned in French, Geology, Artillery and Military Administration). Served in the Afghan War, 1878–9 (medal). Brigade Major, Gibraltar, 1881–6; D.A.A.G. for Instruction, Home District, 1887–92; Served in operations on North-west Frontier of India, commanding Royal Artillery in the Peshawar Column and 5th Brigade of Tirah

Expeditionary Force (medal with two clasps), 1897–8 ; A.Q.M.G. Plymouth, 1900.

In India with Territorial Brigade of R.F.A., 1914–18. Received a reward for Distinguished and Meritorious Service, 1915 ; C.B.E., 1919.

Q. Alpine.

1870. See H. J. Smith.

Rev. John Sowerby

(June 1864, d.m. 1902)

Born 1823. Son of Jeremiah Sowerby of Cumberland and Miss Johnstone of Annandale.

Educated Trinity College, Cambridge (Scholar) ; 41st Wrangler and 2nd Class in the Classical Tripos, 1847.

H.O., 1850. Assistant Master at Marlborough, 1849–72.

First visited the Alps in 1860 and thenceforward spent every summer holiday, and from 1872 till his death the greater part of every year from spring till late autumn, in Switzerland or Tyrol. In his later years his summer home was at Gries am Brenner, his winter home at Bozen, where he died.

Author of ' The Forest Cantons of Switzerland ' (1892, reviewed xvi. 283).

Died unmarried 8 Dec. 1902. (In Memoriam, by F. E. Thompson, xxi. 321.)

Q. Alpine.

Member of D.O.A.V., Innsbruck section, 1889–1902.

1862. 1st English ascent, by a partly new route, of the *Kleine Windgälle* –/vii (' Urner Alpen ', i. 69) ; *Bristenstock.*

1863. *Furtwang* pass, with W. G. Adams (i. 383, ' Alpine Byways ', No. VII). Had some curious electrical experiences, with Adams and R. Sp. Watson, while returning to the Eggishorn from a visit to the *Jungfraujoch*, 10/vii (i. 142 ; Whymper, ' Scrambles ', 98 note) ; *New Weissthor*, *Pizzo Bianco* and *Adler* pass with Adams (O.V.B.).

1864. *Seeweligrat*, 29/vi (i. 379) ; 1st recorded passage of the *Schlossberglücke* or *Erstfelderjoch*, 2/vii (Bernese C.G. iv. ii. 77). *Kreuzli* pass, 9/vii ; 1st English ascent of the *Oberalpstock*, 10/vii (' Central Alps ', 216) ; 1st ascent of the *Gross Ruchen*, 12/vii (i. 379) ; *Acletta* pass (' Central Alps ', 222).

1865. With F. E. Thompson, *Scherjoch* (2nd passage ?) 12 or 15/vii; traversed *Piz Ner*, arriving at the top by a different route five minutes later than the 1st, a Swiss party, and descending by a 3rd route, 17/vii ('Central Alps', 220; 'Urner Alpen', i. 158–61); 2nd passage of the *Fuorcla Sura*, 21/vii (Adula C.G., p. 53; 'Central Alps', p. 276); 2nd ascent of *Monte Tresero*, 28/vii (E. ii. 171). Notes by him, ii. 214.

1866. 1st ascent of S. (lower) summit of the *Weitenalpstock*, 9/vii ('Urner Alpen', i. 151); and with F. E. Thompson, *Grosse Windgälle*, E. (lower) peak, 16/vii; *Cavrein* pass; *Tödi* traversed, ascent by *Porta da Spescha*, 14/vii; 1st passage of the *Oberalplücke* or *Weitenalp* pass, 16/vii ('Urner Alpen', i. 149), 1st passage of *Passo di Formazzora*, 22/vii (Lepontine C.G., p. 73; C.A.I. Boll., 1901, pp. 314–17), and 1st ascent of *Poncione Grandenagia*. Notes, ii. 409–10.

1867. With F. E. Thompson, 1st passage of the *Gorneren* pass ('Urner Alpen', ii. 217) and 1st recorded ascent of the *Gross Spannort*, 9/vii; 2nd travellers' passage of the *Ruchkehlen* (*Krukeli*) pass, 11/vii; *Ortler Spitze*. Notes, iv. 53–4.

1868. *Düssistock* (with a variation), 3/viii (Todi C.G., p. 29); 1st ascent of the *Krönte*, 4/viii.

1869. *Kleine Windgälle* ('Urner Alpen', i. 67); *Gross Scheerhorn*, 8/vii; *Portlilücke*.

1870. *Mädelejoch* (Allgau Alps), 30/vii; '*Pfafflerjoch*' (probably the *Hahntenn Sattel*), 1/viii; *Steinerne Meer* and *Weissbachlscharte*, 5/viii; *Pfandelscharte*, 8/viii; *Bergerthorl*, 9/viii (an ascent of the Gross Glockner was prevented by a snowstorm); *Kreuzkofel*, 13/viii; pass from W. branch of Fischleinthal to Rianzerthal (probably the *Toblinger Riedl*), 16/viii; went up Val Travernanzes by mistake for Val Fanio, crossed the then unnamed *Forcella di Travernanzes* and *Tre Sassi* pass, 17/viii; *Incisa Saddle* and *Grodner* pass, 18/viii; *Passeir Schneeberg* traversed and *Timblerjoch*, 21/viii; *Ramolkogel* and *joch*, 23/viii; *Kreuzspitze*, 24/viii; *Wildspitze*, 25/viii; *Langtaufererjoch*, 26/viii (with a pupil who had just left Marlborough). For Steinerne Meer cf. vi. 327. There is a short printed notice of this tour in the A.C. Library.

1872. *Oberalpstock* traversed.

He wrote a paper 'Round the Maderanerthal', vi. 321–44, describing most of the above-mentioned expeditions by him in that region.

1874. *Grosse Windgälle* with J. E. Bode, F. Morshead, J. Noon,

and H. Preston Thomas, 21/viii; *Schlossberg*, 26/viii. Notes, vii. 266–7.

1877. 1st ascent of the *Wolfendorn Kind*, 6/x (Note, xiii. 479; E. iii. 101).

In his later years he turned his attention to the Eastern Alps, particularly the lateral valleys of the Brenner, and left a great deal of material intended for the new edition of the Alpine Guide; he revised section 26 (District of the Forest Cantons), and in part section 28 (Säntis District). He was much interested in botany, and had a minute and extensive acquaintance with the Alpine Flora. His principal contribution to the A.J. was the reviews or summaries of the S.A.C.J., which after one by F. F. Tuckett had appeared in 1867 were resumed and carried on by him almost uninterruptedly from 1872 till his death, and those of the Z.A.V., which were written by him almost or quite continuously from their first appearance in 1876. He also wrote a summary of a long MS. account of a 'Tour in the Alps in 1800', by four Englishmen, which included a passage (the first by Englishmen) of the Theodule, vii. 431–6.

James Mudie Spence

(May 1874, d.m. 1878)

Born 1836. Son of Peter Spence, F.C.S., manufacturing chemist, Manchester (M.E.B.).

Spent much of his life travelling in the countries mentioned below and S. America, but the only journey of permanent interest was the one to Venezuela, where he landed 2/iii/1872 and stayed till 9/viii/1872. His main object was to obtain concessions to work the coal mines of the Neuve Barcelone, and for the extraction of phosphates from some of the islands (these he finally obtained, but with what ultimate results is not recorded), but he made friends with many of the leading citizens of Caracas —his head-quarters—and became a personage of some importance there. Made a considerable collection of scientific, economic, and artistic specimens; originated the 1st Venezuelan Fine Arts Exhibition (July 1872), and made numerous excursions with his friends in the neighbourhood of Caracas and to the adjoining islands. He told the story of all this very fully in 'The Land of Bolivar, or War, Peace and Adventure in Venezuela' (2 vols., 1878). The book contains several chapters and appendices on

the geography, history, and political conditions of the country, the Civil War, &c., also a few episodes from his travels in California, and references to a visit to the West Indies in 1873. On returning to England he lectured on 'Venezuela; its people and its Products' to the Manchester Scientific Students' Association; his Collection, with an elaborate Catalogue printed for private circulation, was exhibited in Manchester on several occasions, and notes on the birds (by P. L. Sclater), plants, and neolithic instruments appeared in Proc. Zool. Soc., the Journal of Botany, &c. See 'Land of B'. Appendices.

Died 1878. (M.E.B.)

Q. Traveller (Norway, Arizona, California, West Indies, Venezuela; Pico di Naiguata, see below), Zoologist and Botanist.

1872. Venezuela: ascended the *Silla of Caracas* (8,625 ft.), 7/iv ('Land of Bolivar', vol. II, ch. i); made the 1st ascent of the *Pico de Naiguata* (9,430 ft.), the highest peak in the coast range), 23/iv (vi. 50. He described the expedition vi. 102–4, also in a paper published in Spanish in Caracas, and, more fully, in 'Land of B.,' vol. II, chaps. ii–v). Among the plants discovered on the mountain was a new species, named after him, *Chusquea Spencei*.

George Outhwaite Spencer

(March 31, 1874, resigned 1888)

Born 1843. Son of George Spencer, Surgeon.

Married 1867 Frances, d. of Edward Elwin of Dover, solicitor.

Educated University College, London (Gold and Silver Medallist in Anatomy, 1863–4; Gold Medallist in Midwifery, 1866). M.R.C.S., 1865. M.B. London (University Scholar and Gold Medal in Forensic Medicine), 1866.

Practised in Upper Holloway.

Died after four years' illness, 28 Dec. 1889.

Q. Alpine.

1873. *Mont Blanc*, 20/viii.

1881. *Matterhorn*, 10/viii (R.M., i. 46).

Probably author of notice of 'A Winter Ascent of Glyder Fawr', 12/ii, printed vi. 195 and referred to Haskett Smith, ii. 42.

George William Stevens

(Dec. 1872, d.m. 1905)

Born 1843. Son of John Wells Stevens of Stowmarket, Suffolk.

Married 1st, 1889, Jessie Goodall, d. of John Maclean of Dumbarton; 2nd, Alice Mary, d. of John Huish of Oakover, Somerset.

Educated privately; matriculated London University, 1864; B.A., 1868.

Junior Clerk in the War Office, 1862; Senior Clerk, 1889; Principal Clerk, 1897; retired, 1904; I.S.O., 1904.

Died 3 Jan. 1905, aged 61.

Q. Alpine.

1870. See D. W. Allport.

1877. *Schreckhorn*, 13/viii. (Note on falling stones, viii. 400.)

George Davey Stibbard

(March 1870, d.m. 1899)

Born 21 June 1833. Son of George Davey Stibbard of Norwich.

Married 1874 Alice Elizabeth, d. of George Gray, lawyer, of Bowerswell, Perth. (See *The Times*, 8 Jan. 1925, p. 14 e.)

Educated King's College, London.

Solicitor (1885), London.

Died 23 April 1899.

Q. Alpine.

1861. *Mont Blanc*, 27/viii.

Stafford Francis Still

(Dec. 1872, C. 1877–80, V.P. 1890–2, d.m. 1899)

Born 1842 or 43. Son of R. Still of Sutton, Surrey.

Married 1877 Sophia Barbara, d. of John George Hollway, barrister, of Sunbury on Thames.

Educated Eton.

Solicitor (1865), London.

Died 22 Oct. 1899, aged 56.

Q. Alpine.

1867. Was 'Lost on the Strahleck' with E. W. Ruck, spending thirty-six hours between the Grimsel and Grindelwald, 27–8/viii. They wrote a paper on the adventure, iv. 39 (perhaps made the 1st passage of the *Nassijoch* by mistake, Bernese C.G. ii, p. 80).

1868. *Ortlerspitze* with Ruck, 25/viii ('Tourist', 1871, p. 688).

1872. *Col du Géant*; *Grivola*, 1st ascent by NE. arête, 16/viii (vii. 2); 2nd and 1st English ascent of the *Grand Paradis* from Cogne and 1st descent by the same route, 19/viii (vi. 91, vii. 1); *Weisshorn*; all with F. T. Pratt Barlow (q. v.); *Jungfrau*; *Finsteraarhorn*; *Mönchjoch*.

1873, 1875, 1876. See F. T. P. Barlow.

Hugh Stirling

(Dec. 1874, d.m. 1908)

Born 30 Aug. 1843. Son of Rev. James Stirling, U. P. Church, Aberdeen, and Sarah Irvine.

Married 1877 Florence, d. of Frederick Currey of Blackheath.

Educated Aberdeen University: M.A. (1st Class Honours in Classics), 1865.

Solicitor (1867), London.

Died 23 April 1908.

Q. Alpine.

1874. *Matterhorn*, 27/viii. (Hut book.)

John Stogdon

(Feb. 1869)

Born 15 Aug. 1843. Son of Rev. Abraham Horwill Stogdon, Rector of Ovington, Hants.

Married 1869 Ellen, d. of William Champion of Bridge House, Worksop, Notts.

Educated in Germany and at Uppingham and Clare College, Cambridge; Bell University Scholar, 1867; 6th Classic, 1868.

Fellow of Clare College.

Assistant Master at Haileybury, 1868; at Harrow, 1869–1903.

Examiner to the Civil Service Commission, London County Council, and Oxford and Cambridge Joint Board.

Died 19 Nov. 1919. (*The Times*.)

Q. Alpine.

1858. Visited the Alps with a German school-party (*Rigi*, Wengern Alp; *Brevent*; Dollfus Ausset's Hut on Unteraar glacier).

1861. *Cima di Jazzi*.

1862. *Ewigschneehornjoch* (= *Gauli* pass ?); 1st passage of the '*Thierbergjoch*' (*Scheuchzerjoch*) (cf. S.A.C.J. viii. 565).

1868. *Finsteraarhorn*, c. 26/viii (Joh. Fischer); *Alphubeljoch*, 29/viii; *Col de la Dent Blanche*, 'a new pass', 2/ix (Fr. Anthamatten); 4th ascent of the *Dent Blanche*, 3/ix (xv. 65).

1869–70. Made some winter climbs in the Lake District; read a paper before the Club on 'The English Lakes in Winter', v. 34, describing at length a crossing of *Bow Fell* and *Great End* from Langdale to Wastdale. See Haskett Smith, p. 12.

1870. With J. Marshall, *Col de Valpelline*; *Col d'Oren*; *Col du Géant*; *Mont Blanc*, 26/viii. He read a paper before the Club on the disaster of 6–7/ix/1870 on Mont Blanc, in which eleven lives were lost, v. 193 (cf. pp. 188–90); also described his own ascent which was made in very unfavourable weather.

In 1871 began serious guideless climbing with A. Fairbanks (q. v.).

In 1872 they made guideless ascents of the *Gross Nesthorn* and the *Aletschhorn*; and in 1873 of the *Jungfrau* and the *Finsteraarhorn*.

1874. Made with Fairbanks, guideless, a partial ascent of the Zinal face of the *Weisshorn*. This was the end of his climbing except for two peaks in the Dolomites and, much later, a solitary visit to the *Jardin*. In the course of his travels in his later years he crossed the Caucasus (presumably by the 'Dariel' pass), and visited the Muller glacier in New Zealand. He wrote a paper which was read before the Club by his son in 1916, 'Random memories of some early guideless climbs', practically a sketch of his climbing career, xxx. 146–58; see ibid., p. 227.

Wrote an elaborate review of Hermann Schlagintweit's volume on the Himalaya, vi. 43–50. As a young man he had seriously cherished the ambition of becoming himself a Himalayan explorer, but his marriage put an end to such aspirations. Wrote an In Memoriam notice of A. Fairbanks, xxxi. 103.

James Sidney Stopford

(Feb. 1866, resigned 1868)

Born 14 April 1808. Son of Hon. and Rev. Richard Bruce Stopford, Canon of Windsor, and Hon. Eleanor Powys, d. of 1st Lord Lilford. Grandson of 2nd Earl of Courtown.

Married 1st, 1847, Frances, d. of Edward Loyd of Greenhill, Lancs.; 2nd, 1868, Katherine Mary, d. of Sir Thomas Wathen Waller, Bart.

A Director of Masterman's Bank; later, Director of the Hand in Hand Insurance Co., and other companies.

Died 8 July 1885.

Q. 'Travels in the lower ranges of the Alps, in the spurs of the Himalayas, and in the mountainous portion of Ceylon.'

Rev. Charles Taylor

(Feb. 1873, d.m. 1908)

Born 27 May 1840, Middlesex. Son of William Taylor, tea dealer, London.

Married 1907 Margaret Sophia, d. of Hon. Conrad Adderley Dillon.

Educated King's College School, London, and St. John's College, Cambridge (Scholar); 9th Wrangler and 2nd Class in the Classical Tripos, 1862; 1st Class in the Theological Tripos (with distinction in Hebrew), 1863; Crosse Theological Scholar and Tyrwhitt Hebrew Scholar, 1864; Kaye Divinity Prize, 1867. Rowed in the Lent and May races, 1863–6.

Fellow of St. John's College, 1864–81; Master, 1881–1908. Examiner in the Theological Tripos, 1871–2, 79, 80; in the Semitic Languages Tripos, 1878–9, 82.

H.O., 1866. Curate of St. Andrew the Just, Cambridge, 1868–74. Appointed College Lecturer in Theology, 1873, and subsequently Tutor. Acted as Examiner at St. David's College, Lampeter, 1874–7. Took an active part in the deliberations caused by the appointment of the Cambridge University Commission, 1877, and was chosen, with the Master and T. G. Bonney, to represent the College in its dealings with the Commission. In the meantime he had made his mark as a scholar both in mathematics and in divinity, and in 1881 he was elected Master

of St. John's at the early age of 41, and received the degree of D.D. In 1886, as Vice-Chancellor elect, he represented the University at the Commemoration of the 250th anniversary of the Foundation of Harvard University and received the Honorary Degree of LL.D. At the great banquet on that occasion he responded to the toast of the Colleges and Universities of Europe. Vice-Chancellor of the University, 1887–8. Alderman of the borough of Cambridge, 1889–95. Select Preacher at Cambridge, 1887, 93, and 99; at Oxford (MacBride Sermon), 1897. His principal mathematical works were: 'A Text-book of Geometrical Conics' (1863); 'The Elementary Geometry of Conics' (1872; 8th ed., with a chapter on Invertio Orbium, 1903); 'An Introduction to the Ancient and Modern Geometry of Conics with Historical Notes and Prolegomena' (1881); and an article on Geometrical Continuity in 'Encycl. Brit.', 10th ed.

Joint Editor of the 'Messenger of Mathematics', 1862–87.

His works on the New Testament and Rabbinical Literature were: 'The Gospel in the Law' (1869); 'The Dirge of Coheleth in Ecclesiastes xii discussed and interpreted' (1874); 'Sayings of the Jewish Fathers, comprising Pirquè Aboth and Pereq R. Meir, in Hebrew and English, with Critical and Illustrative Notes' (1877; reissued, with a Cairo fragment of Aquila's version of the New Testament, 1897; Appendix, 1899); 'The Teaching of the Twelve Apostles' (1886); 'An Essay on the Theology of the Didaché' (1889; he had lectured on this subject at the Royal Institution, 1885); 'The Witness of Hermas to the Four Gospels' (1892); 'The Oxyrhynchus Logia and the Apocryphal Gospels' (1899); 'The Oxyrhynchus Sayings of Jesus' (1905); 'A Monograph on the Shepherd of Hermas' (2 vols., 1903–6); article on Pirko Aboth in 'Encycl. Brit.', 11th ed., and various articles in the 'Dictionaries of the Bible and of Christian Biography', the 'Jewish Quarterly Review', 'Journal of Philology', 'Journal of Theological Studies'. Joint Editor of portions of 'Ecclesiasticus from the Cairo Genizah MSS.' (1899).

Acting President of the Statutory Congress of Orientalists held at the Temple, 1891.

Died at Nuremburg, 12 Aug. 1908. (*The Times*; 'The Eagle', &c.)

Q. Alpine.

Member of S.T.D., 1875.

1865. *Monte Rosa*, with J. B. Parish, 28/vi (J. M. Kronig; Maclean, p. 22).

1871, 1872. See R. Pendlebury. He read a paper before the Club on the 1st ascent of *Monte Rosa* from Macugnaga, vi. 232.

1873. With T. Cox, F. Gardiner (q.v.), R. and W. M. Pendlebury, 1st passage of *Col du Pavé*, 10/vi; *Peyrou d'Amont*, 13/vi; attempt on the *Rateau* (then unascended) by E. arête, foiled by bad weather, 14/vi; 1st passage of *Brèche de Charrière*, 16/vi; *Sommet des Rouies* (with all except R. Pendlebury), 19/vi; 1st ascent of *Roche Faurio*, 21/vi; and 2nd ascent of *Pic Central* of the *Meije*, 24/vi (vi. 288–90, 365; vii. 80).

1874, 1875, 1877, 1878. See R. Pendlebury.

Francis Taylor

(Dec. 1864, resigned 1894)

Born 1845, Starston, Norfolk. Son of Thomas Lombe Taylor of Starston. Brother-in-law of Sir A. Wills.

Married 1873 Susan, d. of E. Rigby, M.D.

Educated Hove House School, Brighton, University College School, and University College, London.

Was trained as an engineer and became a partner in the firm of De Winton & Co., Carnarvon, 1872–8. Then became head of the firm of Taylor Sons & Dowson, brewers, of Diss, Norfolk.

M.P. (Liberal Unionist) for S. Norfolk, 1885–98. J.P. for Norfolk. Captain 4th Volunteer Battalion of the Norfolk Regiment. Member of the Royal Thames Yacht Club.

Died at Diss, 1 Sept. 1915, aged 70. ('Who's Who'; *The Times*.)

Q. Alpine.

1861. Ascent of the *Guivra* rift, near Sixt, with A. Wills (ii. 52–3; 'Western Alps', 2nd ed., p. 410).

1864. 1st ascent (from the Montanvert) of the *Col des Grandes Jorasses* with A. Milman and A. Wills, 8/ix (i. 430; ii. 114).

Frederick Tendron

(March 1876, d.m. 1910)

Born 1833 or 34.

Chairman of Assam Co., Ltd., and St. John del Rey Mining Co., Ltd., Deputy Chairman of Continental Union Gas Co., Ltd.; Director of Union des Gaz.

F.G.S., 1863.
Died 14 April 1910, aged 76.

Q. Alpine.
1875. *Piz Bernina* with H. Cordier and (probably) G. F. Vernon, 8/viii (C.A.F. Ann., 1875, pp. 502 ff.); *Matterhorn* with Vernon, 20/viii.

Percy William Thomas

(Dec. 1876, C. 1890–3, d.m. 1894)

Born 1854, London. Son of W. A. Thomas.
Married 1881 Amy, d. of Leonard W. Sedgwick, M.D.
Educated Harrow.
Member of the London Stock Exchange.
Died 18 Sept. 1894. (In Memoriam, xvii. 267.)

Q. Alpine.
Member of C.A.F., Paris section, 1879. Subscriber to New Zealand A.C., 1898.
1876. *Matterhorn*, 18/viii.
1878. *Lyskamm*, 1st ascent by S. arête, 1/ix (ix. 109); *Dom*, new ascent by W. arête and NW. face, with Mrs. E. P. Jackson, 4/ix (ix. 110; xv. 170, 222–3).
1879. 2nd ascent, by a new route from the N. of the *Aiguille du Chardonnet*, 1/viii (ix. 364. He wrote a paper on the expedition, xi. 262). *Grand Combin* from the S., 6/viii (C.A.I. Boll., 1909, p. 176; R.M., 1897, p. 4); *Grandes Jorasses*, 14/viii (C.A.I. Boll. xiii. 579).
1880. Made an attempt on the *Eiger* by the Mitteleggi arête ('Pioneers', 146); also a series of attempts on the *Aiguille du Géant* (xvii. 267).
1890. Spent a fortnight (mostly on mining business) in the San Juan Mountains of Colorado; made an attempt on the *Lizard's Head*; and the 1st ascent of *Mount Wilson* (the highest peak in the range, 14,309 ft.), 1/ix (xv. 316. He read a paper before the Club on these expeditions and his impressions of the miners, 'Mountaineering in Southern Colorado', xv. 480, and wrote a note on his experiences of 'Rocky Mountain Sickness', xvii. 140). A photograph of the Lizard's Head, presented by him, hangs on the Club walls.

Also wrote a 'Note on an Early Alpine Accident', xiii. 130 (see also ibid., p. 179), a review of Frederick H. Chapin's 'Land of the Cliff Dwellers' (dealing with the San Juan Mountain region), xvi. 405, and an In Memoriam notice of J. B. Scriven, xvi. 499.

Author of 'The Death Roll of Mont Blanc', *Chambers' Journal*, Aug. 1886; and of a fictitious Alpine story, with a supernatural element, 'How Franz redeemed his promise', *Cornhill Mag.* 1886.

Francis Edward Thompson

(Feb. 1866, resigned 1869)

Born 1833 or 34. Son of Francis Thompson of Westminster.

Married 1869 Margaret, d. of William Powell of Rochester, N.Y., U.S.A.

Educated Lincoln College, Oxford (Scholar); 1st Class in Classical Moderations, 1855; 2nd Class in Literae Humaniores, 1857.

Assistant Master of Marlborough, 1859–95.

Author of 'Syntax of Attic Greek' (1894); 'Homeric Grammar'; 'Elementary Greek Syntax'.

Died 18 Feb. 1916.

Q. Alpine.

1865, 1866, 1867. See J. Sowerby, of whom he wrote an In Memoriam notice, xxi. 321.

Sir James Richard Thursfield

(Dec. 1865, resigned 1879)

Born 16 Nov. 1840, Kidderminster. Son of Thomas Thursfield, M.R.C.S.

Married 1880 Emily, d. of Rev. S. A. Herbert.

Educated Merchant Taylors' School and Corpus Christi College, Oxford (Scholar); 1st Class in Classical Moderations, 1861; 1st Class in Literae Humaniores, 1863.

Fellow of Jesus College, Oxford, 1864–80; Tutor, 1866–76; Dean and Librarian. Junior Proctor, 1875. Examiner in Literae Humaniores, 1873–4. Honorary Fellow, 1908. It was a disappointment to him when on the Principalship of the College becoming vacant in 1877 he was not elected, and soon afterwards

he left Oxford to join the staff of *The Times* as a leader writer; acted as correspondent of *The Times* during naval manœuvres from 1887; a frequent contributor to the 'Naval Annual'; departmental editor on Naval Affairs to 'Encyclopaedia Britannica' (10th edition).

He held strong views about Ireland, and after 1886 asked to be excused from writing on Irish politics.

Author of 'Peel' (English Statesmen series, 1898); 'Nelson and other Naval Studies' (1909); 'Naval Warfare' ('Cambridge Manuals of Science and Literature', 1913); and articles in the 'Quarterly', 'Westminster', and 'National Reviews', the 'Athenaeum', the Academy and Literature article on C. S. Parnell in 'Encycl. Brit.', 10th and 11th editions. Joint Author with Lord E. Fitzmaurice of the period 1829–48 in 'Two Centuries of Irish History' (1888; 2nd ed., 1907). Joint Author with Lord Sydenham of 'The Navy and the Nation' (1897).

Honorary Member of Royal United Service Institution. J.P. for Hertfordshire, 1894. Knighted, 1920.

Died Nov. 1923. ('Who's Who'; *The Times*.)

Q. Alpine.

1865. 1st passage of the *Ober Ferden* pass and 1st ascent from the N. of the *Torrenthorn* with F. L. Latham ('Central Alps', 46–7; Bernese C.G. i. 11–12).

1867. See W. Esson.

Morris Tonge

(Dec. 1866, resigned 1874)

Born 5 Dec. 1836, London. Son of George Tonge of Brighton.

Married 1870 Eliza, d. of Rev. Robert Johnston of Hampstead.

Educated Eton and Emmanuel College, Cambridge (1st Senior Optime, 1862), and King's College Hospital. L.R.C.P., London, 1862. M.D., 1868.

Served as House Physician, and subsequently was Assistant Physician and Medical Registrar, at King's College Hospital. Honorary Fellow of King's College. Author of 'Medical Cases, King's College Hospital' (1865).

Began practice as a physician in London, 1863; was Lecturer in Physiology at Charing Cross Hospital, Visiting Physician to the Infirmary for Consumption, Margaret Street, and Assistant

Surgeon to the 18th Middlesex Rifle Volunteers. In 1869 he took a share in a practice at Harrow and remained there till his death.

Died Feb. 1891.

Q. Alpine.
1866. *Monte Rosa*, 9/ix (F. Biener).
1867. *Col du Tour* and High Level Route (O.V.B.).

W. Townsend

(April 1864)

Of Attleborough Hall, Nuneaton till 1869, when his name disappears from the Club Lists. No further information.

Q. Alpine.
1863. *Mont Blanc*, 12/viii.

Anthony Traill

(Dec. 1864, resigned 1868)

Born 1 Nov. 1838. Son of William Traill of Ballylough, Co. Antrim, and Louise Henrietta, d. of Robert ffrench of Monivea Castle, Co. Galway.

Married 1867 Catherine Elizabeth, d. of Captain John Stewart Moore, D.L., of Ballidivity, Co. Antrim.

Educated Trinity College, Dublin. Lloyd Mathematical Exhibitioner and Science Scholar, 1858. B.A. (1st Class Honours as Senior Moderator in both Mathematics and Experimental Science), 1860 ; McCullagh Prizeman, 1861 ; Madden Prizeman, 1864 ; LL.B. and LL.D. and Fellow of Trinity College, 1865. M.D., M.Ch.

Captain of the Cricket XI and for fourteen years champion racquet player of Dublin University. Provost of Trinity College, 1904–14.

Member of the Representative Body of the Church of Ireland from its incorporation. Member of the Educational Endowments (Ireland) Commission, 1885–92. Representative of the Irish Landlords on the Fry Commission on the Irish Land Acts, 1897–8. Commissioner of National Education in Ireland, 1901.

Hon. LL.D. of Glasgow (1901), Aberdeen (1906), and St. Andrews (1911) Universities. Hon. Fellow of Royal College of

Surgeons (Ireland), 1904, and of Royal College of Physicians (Ireland), 1905. Owned property in Co. Antrim, Co. Down, and King's County. J.P., Antrim, 1861. High Sheriff, 1882. D.L., 1904. Chairman of the Portrush and Giant's Causeway Electric Railway.

Author of various articles on (Irish) Church, land, and education questions.

Died 15 Oct. 1914. (' Who's Who ' ; *The Times*.)

Q. Alpine.

1862. *Monte Rosa*, 11/viii (J. M. Kronig).

1867. *Monte Rosa* with J. H. D. Matthews (q.v.), 8/viii (O.V.B.).

Lieut.-Colonel Sir Henry Trotter, K.C.M.G.

(Dec. 1875, d.m. 1919)

Born 30 Aug. 1841, Cowfold, Sussex. Son of Alexander Trotter and Jacqueline Elizabeth, d. of Right Rev. William Otter, Bishop of Chichester. Brother of C. and W. Trotter (see vol. i).

Married 1890 Olivia Georgiana, d. of Admiral Sir George Greville Wellesley, G.C.B.

Educated Cheltenham and East India Military College, Addiscombe.

Lieutenant in the Bengal Engineers, 1860 ; Captain, Royal Engineers, 1872 ; Brevet Major, 1878 ; Major, 1881 ; Lieut.-Colonel, 1887 ; retired, 1890.

Served in the Great Trigonometrical Survey of India, 1863–75 ; accompanied Sir Douglas Forsyth's Second Mission to Yarkand and Kashgar, 1873–4 (see below). Employed on special service in China, 1876. Appointed additional Military Attaché at Constantinople, 1877 ; accompanied the Turkish armies throughout the campaign in Asia Minor during the Russo-Turkish War of 1877–8, and was present at the battles of Eshek Tlias and Deveh Boyoun, and the siege and relief of Kars (Brevet of Major and Turkish War Medal).

Acting Consul at Erzeroum, 1878 ; Consul for Kurdistan, 1879–82 ; C.B., 1880 ; distributed Lady Strangford's Fund during the famine in Asia Minor, 1880. Military Attaché in Constantinople, 1882–9 : superintended the International Relief

Works in the island of Scio, started after the great earthquake of 1881 ; employed on special duty in Smyrna, in 1882 and 1883, in connexion with the Smyrna Quay Tariff. Consul General in Syria (at Beirout) for the Pachaliks of Damascus, Aleppo, Tripoli, and Acre, 1890–4.

Consul General for Roumania, and British Delegate on the European Commission for the Navigation of the Danube, with residence at Galatz, 1894–1906 ; during this period was frequently in charge of the Legation at Bucharest. Jubilee Medal, 1897. K.C.M.G., 1906. Retired, 1906. He closed his official career with a ' Despatch reporting on the Operations of the Commission from 1894 to 1906, together with a *résumé* of its previous history '.

F.R.G.S., 1869 ; C. 1913–16. Gold Medallist, 1878. After his retirement he spoke frequently at R.G.S. meetings ; interesting details of his career will be found in G.J., xxx. 30, 396, xxxv. 378, xli. 339, and xlviii. 227, 229 ; he also wrote an obituary notice of Sir Thomas Gordon, ibid., xliv. 104.

Chairman of the Council of the Central Asian Society.

A keen sportsman : the first European to shoot the *ovis poli* or wild sheep of the Pamirs (see below), and one of the few who have shot lions in Gujrat. An inveterate coin collector (G.J., xxx. 397).

Author of articles on the Danube and on part of the history of Roumania in ' Encycl. Brit.', 10th edition.

Died 2 Sept. 1919. (G.J., liv. 327 ; ' Who's Who ', &c.)

Q. ' Himalayas.'

In May 1873, being then Deputy Superintendent of the Great Trigonometrical Survey of India, he was invited to join Sir Douglas Forsyth's Political Mission to Yarkand as geographer. The main body of the Mission, Forsyth, Captain T. E. Gordon, R.E. (afterwards General Sir Thomas Gordon, K.C.B.), Dr. Henry Walter Bellew (afterwards Surgeon General, see D.N.B.), and Captain E. F. Chapman, R.H.A., arrived at Leh by the usual route from Kashmir, 20/ix, and left for the Karakoram route, 29/ix, but an advanced party, Trotter, Captain J. Biddulph, and Dr. Ferdinand Stoliczka, had gone on ahead to explore the eastern routes over the mountains. They left Leh, 15/ix, crossed the Kailas range by the *Chang La* (17,600 ft.) to Tankse, 16/ix, reached Lukung on the Pangong Lake, 19/ix ; made a voyage on the lake on Trotter's indiarubber boat, 20/ix ; to Chagra,

21/ix; crossed the *Lankar La* (18,400 ft.) to the Changchemmo district, 22/ix; reached Gogra, 24/ix (here Biddulph went on by the most easterly route); T. and Stoliczka crossed the *Pantung La* (18,900 ft.) to a camp on the edge of the Lingzi Thang Plain, 28/ix, and the *Compas La* or *Compass Wala's* pass (18,160 ft.) to Kizzil Jilga, 2/x; they rejoined Biddulph for a few days here and at Chungtash; then turned west, crossed the *Karatagh* pass (17,700 ft.), 11/ix, joined the Mission at Aktagh, 13/ix, and with them crossed the *Suget* pass (17,600 ft.), 15/ix. Trotter made a short surveying expedition up the Katakash River, alone, from Shahidulla to the *Fotash* pass, 17–19/ix, under difficult weather conditions; returned to Shahidulla, 20/ix (when the seven Europeans were all together in camp for the first time); crossed the formidable *Sanju* or *Grim* pass (16,700 ft.) with an advance party, 23/x. They were overtaken by the main body, 30/x, and all proceeded together, reaching Yarkand, 8/xi; started again, 28/xi, reaching Kashgar, 4/xii.

During the winter's stay of the Mission in Kashgar, T. was largely occupied with astronomical, meteorological, and magnetic observations, but made two expeditions: (1) with Stoliczka and Gordon left Kashgar, 31/xii; to Chakmak Forts, 2/i; entered the Tian Shan range by the Toyan valley; camped at foot of the *Turgat* or *Torugat* pass, 5/i (12,760 ft.); crossed the pass and the Russian frontier, and visited Lake Chatyr Kul, *c.* 110 miles from Kashgar, returning the same day, 6/i. (Trotter had the satisfaction of joining up the English with the Russian survey.) They then retraced their steps, reaching Kashgar, 11/i. (2) Forsyth, with four others, went to Artysh, 14/ii, on what was principally a hunting excursion; arrived at Ayagh-Sughan in the Sughan River Valley, 20/ii; hence T. and Stoliczka pushed on northward over ground unknown to Europeans, and by hard travelling reached, 24/ii, the *Balauti* or *Belowti* pass, on the way to Ushturfan and Aksu; they returned viâ Faizabad, reaching Kashgar, 3/iii.

The Mission moved to Yangi Hissar, 17, 18/iii, and on 21/iii, Trotter, Gordon, Stoliczka, and Biddulph started for the Pamirs, crossed the *Kaskasu* (12,850 ft.), *Torut* (13,350 ft.), and *Chichilik* (14,480 ft.) passes, 24, 25, and 27/iii; Tashkurgan, 30/iii; started thence, 2/iv, over country never traversed by Europeans since Marco Polo (1272) and Benedict Goes (1602); by the *Neza Tash* pass (14,920 ft.) to valley of the Aktash, 3/iv; followed

that river to its head where the valley merges in the Little Pamir, reaching Little Pamir Lake, 5/iv, Sarhadd, 8/iv, and Kila Panja (on one of the head streams of the Oxus), 13/iv; there till 26/iv, as guests of the Mir of Wakhan; returned by the Great Pamir stream, reaching the Great Pamir or Wood's Lake, 1/v; rejoined Biddulph (who had made a detour) in the Aktash valley, 'after a march of 37 miles in the course of which Trotter shot his *ovis poli*, 4/iv, and retraced their steps to Tashkurgan'; crossed the *Kokmoinok* pass (15,800 ft.), *c.* 11/v; reached Yarkand, 21/v. Started for home in the track of the Mission, which was about ten days in front of them, 28/v; travelling viâ Kugiar, *Tupa* or *Akoran* pass, 10,470 ft., 1/vi; and *Yang Diwan* pass (16,000 ft.), 8/vi; rejoined their old route at Aktagh, 13/vi; *Karakoram* pass (18,550 ft.), 16/vi; *Dipsang Col*, 17/vi; arrived, 18/vi, at Murgi (*c.* 14,800 ft.), where Stoliczka died the next day; *Saser* pass, 21/vi; top of Changlung Spur, 22/vi; *Digar La*, 27/vi; Leh, 29/vi.

From 24/ix to 17/x, 1873, Trotter was never below 15,500 ft., and from 26/ix to 8/x never below 16,300 ft.; the temperature was rarely above freezing point, and at night varied from zero to 26 degrees below zero, Fahrenheit. Four consecutive camps were over 17,000 ft., the highest, at Dehra Compas, 17,900 ft. On the return journey he had twice to swim for his life with his chronometers in his pocket. The hardships of the journey cost Dr. Stoliczka his life.

Trotter dealt shortly with the Mission in a paper in the 'Geographical Mag.', 1875, pp. 257–62, and read a paper on its geographical results before the R.G.S. (see 'Journal of R.G.S.', xlviii, 1878, pp. 173–228). A paper by Gordon on the Pamir Expedition, read before the British Association in 1875, is printed in 'Journal of R.G.S.', xlvi, 1876, pp. 381–96. In 1875 an elaborate report of 534 pages was issued 'with Historical and Geographical Information' (and much besides) 'regarding the possessions of the Ameer of Yarkand', to which all the members of the Mission made contributions. Gordon wrote short separate accounts of the Chatyr Kul and Pamir expeditions (chaps. iv and vi), Trotter a general account of the Geographical Explorations (chap. vii, pp. 233–94), and he was mainly responsible for the Geographical Appendix, pp. 295–459. His chapter contains the only detailed narrative of the Belowti pass expedition. Forsyth expressed a hope that he would produce a larger work when his observa-

tions had been fully worked out. Books were written by Bellew ('Kashmir and Kashgar', 1875) and Gordon ('The Roof of the World', 1876), but Trotter's larger work never materialized. He was awarded the Victoria Gold Medal of the R.G.S. in 1878. It was a source of pride to him that he started Nain Singh from Ladak on the famous mission to Lhasa, which was rewarded by the R.G.S. Gold Medal; on Nain Singh's return to India, Trotter worked up his observations and prepared his map and report. ('Journal of R.G.S.', 1877, pp. 86–136; see also G.J., xxxiii. 394, 418, xliii. 363.)

Henry John Trotter

(April 1864, d.m. 1888)

Born 1836. Son of William Trotter and Henrietta, d. of Major Andrew Philip Skene, 5th and 9th Light Dragoons.

Educated Oriel College, Oxford. B.A., 1859.

Barrister (Inner Temple), 1864.

Of Byers Green Hall, Co. Durham. J.P. and D.L. for Durham. Lieutenant in the 2nd West Yorkshire Yeomanry Cavalry (Prince of Wales' Hussars), 1873–80; appointed Lieut.-Colonel Commanding the 2nd battalion of the Durham Rifle Volunteers early in 1887.

A director of the Great Eastern and North British Railway Companies. F.S.A., 1883. An accomplished whip and a prominent member of the Coaching Club. Unsuccessfully contested Tynemouth in 1868 and 1880, and Berwick on Tweed, 1881; elected M.P. (Independent Conservative) for Colchester, Nov. 1885, and again July 1886.

Died unmarried (from an accident while hunting) 6 Dec. 1888. ('Who's Who'; *The Times*.)

Q. *Monte Rosa* (with W. A. Yeo (q.v.), 24/viii/1863 [J. M. Kronig]).

Alfred Trower

(March 1875, d.m. 1880)

Born 3 May 1850. Son of Henry Trower (see vol. i) and Helen, d. of William Seymour.

Educated Eton (rowed in the VIII, winning the Ladies' Plate at Henley, 1866).

Wine merchant, London.

Rowed at Henley, 1870–6, for the Kingston Rowing Club, and in 1877 and 1878 for the London Rowing Club. Won the Goblets (Pairs) at Henley, 1873.

Died unmarried 10 Feb. 1880.

Q. Alpine.

1867. *New Weissthor*, 17/vii ; *Monte Rosa*, 19/vii.

Charles Comyns Tucker

(Dec. 1866, C. 1875–8, d.m. 1922)

Born 29 March 1843, Stathern, Leicestershire. Son of Rev. Comyns Tucker of Stathern and Beech Hill, Devon.

Married 1879 Fanny Eliza, d. of John Scott of Crevagh, Co. Clare.

Educated Marlborough (Rifle Corps XI, 1862) and University College, Oxford. 1st Class in Classical Moderations, 1865; 1st Class in Literae Humaniores, 1867. Fellow of University College, 1869–80.

Barrister (Inner Temple), 1871. Editor of Sweet's 'Concise Precedents in Conveyancing'. Spent his later years at Beech Hill, Morchard Bishop, North Devon.

Author of 'On the Doctrine of Personal Identity, considered with reference to a Future Life' (1906).

Died 27 April 1922. (In Memoriam, by D. W. Freshfield, xxxiv. 457.)

Q. Alpine.

1863, 1864, 1865. See T. H. Carson.

1866. See D. W. Freshfield (all the expeditions from the *Wetterhorn* to the *Cima del Largo* (31/vii), except the attempt on Monte della Disgrazia ; in the note on *Punta di Teo*, ii. 361, Tucker's name should be added).

1867. See Freshfield.

1868. See Freshfield. In the attempt on Mt. Ararat, C. C. T. and F. Devouassoud left Freshfield at *c.* 13,000 ft. ; T. pushed on alone for nearly four hours, step cutting, but turned back exhausted when within 1,000 ft. of the summit. He read a paper before the Club on the Caucasian portion of the tour, iv. 241–54.

1869. See vi. 113, xxxi. 228.

1870. *Lauteraarsattel* with A. W. Moore and Horace Walker, 30/vi (' Alpina ', 1915, p. 126) ; and *Jungfrau* from the Roththal with Moore (by L. Stephen's 1864 route), 6/vii (vi. 99 ; vii. 309–10). With T. H. Carson, *Monte Cristallo*, 6th ascent of *Monte Antelao*, 3/viii (E. iii. 472) ; and the 1st recorded ascent of the *Cima della Rosetta* (vii. 64 ; E. iii. 421). Tour interrupted by the War.

1871. *Monte della Disgrazia* with R. M. Beachcroft, 14/viii (v. 284 ; Freshfield, ' Ital. Alps ', 86). With Freshfield, *Punta di San Matteo* traversed ; 1st ascent of the *Cima di Brenta*, –/viii (v. 249 ; vii. 46 ; E. iii. 332 ; Freshfield, ' Ital. Alps ', 258–68, 378).

1872. With T. H. Carson, *Gross Glockner* (he wrote an amusing burlesque account of this expedition, vi. 151–2) ; *Gross Venediger* ; *Marmolata*, without guides ; *Plattkofel* (1st recorded travellers' ascent ? See E. iii. 356), 30/viii ; 1st ascent of the *Kesselkogel*, 31/viii (vi. 96 ; E. iii. 381 ; see below, 1874). With Freshfield, 1st ascent and passage of the *Cima di Vezzana* and *Passo di Travignolo* (guideless), 5/ix (vi. 97 ; E. iii. 403 ; Freshfield, 297–307 ; he read a paper before the Club on the expedition, vii. 57) ; 5th ascent of *Monte Pelmo* by J. Ball's route (vi. 257 ; E. iii. 477) ; *Tofana*.

1873. See R. M. Beachcroft.

1874. For the early part of the season, up to 26/viii, see Freshfield.

With Carson, 1st ascent of the *Rosengartenspitze* (*Federerkogel*, see xii. 184–5), 31/viii (vii. 109 ; E. iii. 382 ; M.A.V., 1879, p. 222 ; he wrote a paper on this expedition and those of 30, 31/viii, 1872, ' The Rosengarten Gebirge ', vii. 345). *Pania della Croce* (Tuscan Apennines), 16/ix (note by him, vii. 214 ; cf. 373).

1875. See H. A. Beachcroft.

1876. See D. W. Freshfield.

1878. 1st passage of the *Passo di Vajolet*, 28/viii (ix. 114, 238 ; E. iii. 388, 390, where the references to A.J. are incorrect). With R. M. Beachcroft and A. Cust, 1st attempt on the *Sasso di Mur*, and 1st ascent of the SW. (lower) summit, 6/ix (ix. 114 ; E. iii. 435) ; and 7th ascent of *Cimon della Pala* (E. iii. 407). Made the 7th English ascent of *Monte Viso* (x. 240, 455, 484).

1879. 1st ascent of the *Cima di Canali*, 30/viii (ix. 371 ; E. iii. 425) when on his honeymoon. He practically gave up climbing after his marriage.

1891. *Dent du Midi* and *Mont Blanc* with D. W. Freshfield.
1913. *Titlis*.

Wrote a paper, 'Alpine and Arctic Travel', viii. 153 (a commentary on the official report of the Arctic Expedition of 1875–6, under Sir George Nares); a review of F. C. Grove's 'Frosty Caucasus', vii. 405; In Memoriam notices of François Devouassoud, xxii. 528–9, and T. H. Carson, xxxi. 341–4).

Marquis Gustave de Turenne D'Aynac

(Dec. 1876, d.m. 1893)

Born 1803.
Married.

Educated at the Institution Gerlach (in 1817 paid his 1st visit to Chamonix with one of Gerlach's vacation parties; cf. C.A.F. Ann., 1879, p. 693) and the Ecole Polytechnique, from which he passed into the army.

Retired from the service about 1848, and devoted himself to sport and mountain travel, principally in the Pyrenees.

Died 21 Oct. 1893. (In Memoriam, xvii. 32, by C. Durier.)

Q. Alps and Pyrenees.

Member of S.A.C., Bern section, 1874.

One of the founders of C.A.F., and an original member of Direction Centrale; member of an Equipment Committee appointed 1876 (C.A.F. Bull., 1876, p. 275) and a Library Committee appointed 1878 (Bull., 1878, p. 9); remained on Direct. Centr. till 1887, when he retired on account of his age, and was unanimously elected an honorary member.

1844. Shot bouquetins in the southern valleys of the Pyrenees (C.A.F. Ann., 1878, p. 507).

1874. *Wetterhorn*, 19/x. (Wrote papers on the expedition in Levasseur, p. 285, and C.A.F. Ann., 1874, p. 437); attempt on *Mont Blanc* (C.A.F. Bull., 1883, p. 98).

1875. *Mont Blanc* (Durier, pp. 180–1).

1876. Present at 1st C.A.F. Fête at Annecy; leader of the party which ascended *La Tournette*, 15/viii.

1877. Reached Gressonay, with R. H. Budden and others, 4/viii, and attended the so-called Convegno Internationale of Alpinists there, 5, 6/viii (C.A.F. Ann., 1877, pp. 241–54).

Present at C.A.F. Congress at Grenoble and Uriage, 12–14/viii;

ascent of *l'Etendard* (*Grandes Rousses*), 16/viii (S.T.D. Ann., p. 56; C.A.F. Bull., 1877, p. 283).

1879. At S.A.C. Congress at Geneva; ascended the *Salève*, 5/viii, renewing an acquaintance of sixty years (C.A.F. Bull., 1879, p. 9).

Notes on the Lac d'Oncet and on the Observatory on Pic du Midi de Bigorre and General Nansouty's life and methods of work there, 2/x (C.A.F. Bull., 1879, pp. 172–4).

1883. At the urgent request of his colleagues withdrew his resignation from Direction Centrale; a speech at a dinner of Paris section, 2/iv, arising out of this, is reported C.A.F. Bull., 1883, p. 98.

Wrote a paper on the Use of the Rope, C.A.F. Ann., 1886, p. 626.

Captain William Edward Utterson-Kelso

(30 Jan. 1872, d.m. 1898)

Born 9 April 1828. Son of Rev. Alfred G. Utterson, Rector of Layer Marney, Essex, and Mary Susanna, d. of William Kelso of Dankeith, Major in the 23rd Light Dragoons.

Married 1883 Margaret Bruce Dundas, d. of Rev. James Charles Wharton, Vicar of Gilling.

Educated Edinburgh Academy and Edinburgh Military Academy. Ensign in the Madras Native Infantry, 1847; Lieutenant, 1853; invalided, 1855; retired, 1861.

Died 22 Dec. 1898.

Q. Alpine.

1860. 2nd ascent of the *Grand Combin*, –/viii (v. 310; Studer, ii. 221; 'Western Alps', 272–3).

1861. *Finsteraarhorn* with L. Stephen and T. Rennison, 4/viii (Studer, 1st edition, i. 88, xxxii. 222).

1862. *Scafell* by Broad Stand from Mickledore, –/v (xxxiv. 403).

1863. *Jungfrau* with Mr. and Mrs. S. Winkworth, 20/viii (Studer, i. 156; his own account is given, xxxii. 343).

1864. *Mont Blanc* with T. Whitwell (vol. i), 6/viii. 3rd ascent of the *Balmhorn* and 1st passage of the *Zagen* pass, –/viii ('Central Alps', 37; Studer, i. 409; Bernese C.G., i. 3).

1865. With J. A. Hudson, C. B. Hutchinson, and Rev. A. G.

Girdlestone, 'made various new expeditions of interest, and some of considerable difficulty, in the neighbourhood [of the Engstlen Alp] without guides' (Girdlestone, p. 45).

1866. 1st ascent of *Piz Cambriales*, 9/viii ('Urner Alpen', i. 117). *Schreckhorn* with A. G. Girdlestone (Girdlestone, 18, 71).

1867. *Piz Bernina* with J. A. Hudson, C. B. Hutchinson, and A. G. Girdlestone, 13/viii (Girdlestone, 108–9). Started for the Matterhorn from Breuil, 10/ix, but weather was bad (C.A.I. Boll., iii. 59). *Monte Rosa* (his 2nd ascent), *c.* 10/ix.

1868. Crossed the *N. Col de Chermontane* to Arolla, and *Cols de Bertol* and *d'Hérens* to Zermatt in a single day, with A. G. Girdlestone (Girdlestone, 151, 165). *Matterhorn* from Zermatt, 12th ascent, 5th from Zermatt, with Girdlestone and F. C. Grove, 2/ix (iv. 190; xxxi. 92). *Weisshorn* with Girdlestone, 4/ix (xxxii. 98 and O.V.B.).

c. 1870. *Grand Muveran*, 1st ascent by N. face (Bernese C. G., iii. 19).

1871. Carrara Mts.: attempt the *Pania della Croce*, which failed mainly owing to the behaviour of his 'guide', –/iv. He described the expedition in 'Le Touriste', 6 April 1873, reprinted C.A.I. Boll., 1873, p. 38. *Matterhorn* from Breuil, with Girdlestone, 2/ix (R.M., i. 46; C.A.I. Boll., 1871, p. 361). *Dent Blanche*, 6th ascent, 6/ix (xv. 65). See also vi. 203.

1872. *Tofana di Mezzo*; made the tour of the Sorapis (then only ascended once), but a storm prevented an attempt on the peak; 1st ascent of the *Becco di Mezzodi*, 5/vii (vi. 95; E. iii. 483); 2nd ascent of the *Langkofel*, 11/vii (vi. 95; E. iii. 352). He wrote a paper on these expeditions, 'Alpine Byeways', vi. 199–205.

Grosse Zinne, 3rd ascent, 15/vii (E. iii. 510); and 1st ascent of the *Marmarole* or *Froppa*, 19/vii (vi. 96; E. iii. 462). He wrote a paper on these two expeditions, vi. 344–51, referring also to a passage of the *Cristallojoch* and a 2nd passage the next day, alone, an ascent of the *Gross Glockner* and traverse of the *Gross Wiesbachhorn*.

1873. Attempt on *Mont Blanc* by the Brouillard glacier with Girdlestone, 21/vii (vi. 384, viii. 409; 'Annals', 216; C.A.I. Boll., 1902, p. 194); 2nd ascent with a slight variation of the *Tour du Grand St. Pierre*, 12/viii (vi. 365); *Mont Blanc* from Italian side, described in 'Le Touriste' of Florence (Stephen d'Arve, 2nd edition, p. 416).

1874. 1st ascent of *Monte Duranno* or *Becco dell' Oca*, 21/vii (vii. 157 ; E. iii. 547–8 ; Z.A.V., 1901, p. 386).

1876. With D. Diamantidi, *Hochgall* from Rain, making a new descent by the Antholzerscharte to Antholz, 2/viii (M.A.V., 1877, p. 68 : this expedition is ignored by Carl Diener, E. iii. 114–15).

1877. *Cimon della Pala*, 4th ascent, with S. Porges (q.v.).

1882. 1st known ascent of W. (highest) summit of *Pointes de Mourti* (xv. 556).

1883. 1st ascent of the *Kienhorn* or *Strahlbett*, 25/vii ; *Triftjoch* ; *Col Durand* ; *Adler* pass and *Strahlhorn* (xxxii. 104) ; *Laquinhorn*, new ascent by S. arête, 11/viii (xi. 363) ; 1st ascent of *Petite Dent de Morcles*, 17/ix (xi. 370).

1884. *Vordere Zinne* with Mrs. Utterson-Kelso ; 2nd ascent by a lady (E. iii. 512).

1887. *Sorapis* ; *Pizzo Negro* ; *Vernel* (xv. 79) ; *Tofana* ; *Monte Cristallo* (Ann. Alp. Trid., xiii. 500).

1890. *Pte Scheiner* (*Tscheinerspitze*) ; *Kesselkogel* ; *Grohmannspitze* (Ann. Alp. Trid., 1890, Guides' Reports) ; *Santnerspitze*, 4th ascent (E. iii. 393 ; O.A.Z., 1890, pp. 353–4, cf. xv. 79). *Tour Sallières*, new descent by the Grand Revers (Aug. Wagnon, Autour de Salvan, p. 143, and 'Guide de la Vallee de Trient', p. 136 ; Z.A.V., 1910, p. 132) ; *La Forteresse*, 6th ascent, and 3rd passage of *Col de la Dent Jaune*, with P. J. de Carteret, 22/viii (De Breugel Douglas, Dent du Midi, pp. 45, 58).

Undated. Attempt on the *Zwölferkofel* (which nearly cost him his life) before 1887 (E. iii. 518) ; *Piz Popena* with Mrs. Utterson-Kelso (ibid., p. 483).

George Frederick Vernon

(March 1876, resigned 1896)

Born 20 June 1856, London. Son of George Vernon.

Married 1885 Marion Allen, d. of R. J. Jeffray of Toorak, Melbourne.

Educated Rugby (Cricket XI, 1873 ; Captain, 1874).

Barrister (Middle Temple), 1880, but never practised.

Was very well known as an all-round athlete, was a fine racquet player, and one of the best forwards of his day at Rugby football, playing regularly in the famous Blackheath team, and twice representing England against Scotland ; played cricket

for Middlesex from 1878 to 1895, besides playing frequently for the M.C.C. in all kinds of club matches; played for the Gentlemen against the Players and took a team to Australia, 1887–8.

Early in 1902 he took service in the West African Police and went to the Gold Coast.

Died of malarial fever, at Elmina, 10 Aug. 1902. (*The Times*, &c.)

Q. Alpine.

1875. Probably *Piz Bernina* with H. Cordier and F. Tendron, 8/viii (C.A.F. Ann., 1875, pp. 502 ff.); *Matterhorn* with Tendron, 20/viii.

1878. *Wetterhorn*, new route by the W. face and NW. arête, with J. Baumann and G. E. Foster, 10/viii (ix. 112; 'Pioneers', 128); variation on the ascent of the *Jungfrau* from the Wengern Alp with Baumann and G. FitzGerald, 18/viii (ix. 112).

1879. *Bernina*, *Rheinwaldhorn*, *Gabelhorn* (N.A.P., xiv. 181).

1880. See J. H. A. Peebles Chaplin.

Arthur Cyril Vesey

(Dec. 1874, resigned 1891)

Born 14 Dec. 1834. Son of George Vesey, Capt. 9th Lancers, of Derrynabine and later of Hampton, Middlesex, and Harriet, d. of Lewis Cockran of the Bombay Council.

Married 1877 Fanny, d. of Rev. Andrew Corbett, Rector of S. Willingham.

Educated Eton (rowed in the VIII, 1853) and Christ Church, Oxford. B.A., 1857.

Entered the Treasury (Audit Office), 1857. Principal Clerk in the Audit Office, 1890.

Died 19 May 1896.

Q. Alps and Pyrenees.

1872. *Piz Corvatsch* with Sir J. H. and G. G. Ramsay (xxxiv. 68).

Henry Wagner

(March 1869)

Born 16 July 1840. Son of Rev. Henry Wagner, Vicar of Brighton, Treasurer of Chichester Cathedral, and Mary, d. of Joshua Watson, 1st Treasurer of the National Society (D.N.B.).

Educated Rugby and Merton College, Oxford ; B.A., 1862.

Barrister (Inner Temple), 1871.

F.R.G.S., 1873 ; F.S.A.

Q. Alpine.

Member of S.A.C., Geneva section.

1868. *Finsteraarhorn*, 14/vii (John Fischer).

John Hertslet Wainwright

(June 1875)

Born 1848. Son of John Wainwright, Taxing Master in the High Court of Chancery ; brother of B. Wainwright.

Married 1870 Grace Marshall, d. of John Bannerman of Wyastone Leys, Herefordshire.

Educated Christ Church, Oxford ; B.A., 1870.

Barrister (Lincoln's Inn), 1872 ; but never practised.

Q. Alpine.

c. 1875. *Mont Blanc* with B. Wainwright, –/x (xxxi. 208).

1876. Made the 2nd passage, with a variation, of the *Fuorcla Prievlus* with W. M. Conway and H. C. J. Warren, 8/viii (Bernina C.G., ii. 99 ; Y.R.C.J., ii. 1 ; Conway, 'Mountain Memories', 49–51).

1877. *Matterhorn* (ix. 378).

1889. Made a partly new route up *Piz Roseg* from the Tschierva glacier, 10/ix (xiv. 505 ; 'Alpina', 1917, p. 145).

1890. *Piz Palu*, 1st winter ascent (the E. summit only was reached), 27/ii (Schw. Alpenztg. viii. 36–88 by Christian Grass ; xv. 153 ; R.M., 1890, p. 141).

2nd ascent of *Monte di Scerscen* by NW. face (by N. Neruda's route, made 3 weeks previously) with B. Wainwright, 31/vii (Lorra and Martel's Massif de la Bernina, 130) ; *Fuorcla Tschierva-Scerscen* (*Güssfeldtsattel*), 4th passage (?), with E. J. Garwood and B. Wainewright, 11/viii (xv. 498).

Wrote some 'Reminiscences of Francois Devouassoud', xxxi. 208–9. Visited Pontresina every year from 1872 to 1913, and resumed his visits in 1921. Has climbed every peak in the

Bernina and Disgrazia groups, most of them several times, and is almost equally well acquainted with the ranges on the other side of the Inn and the Val Bregaglia.

Lionel Nicolas Walford

(March 1874, d.m. 1879)

Born 25 November 1845, London. Son of Arthur Walford, London.

Educated Harrow and Trinity College, Cambridge; B.A., 1868.

Solicitor (1870), London.

F.R.G.S., 1873.

Died Nov. 1879.

Q. Alpine.

1872. See E. Dent.

1874. *Matterhorn*, 20/viii.

1878. See J. H. Pratt.

James Douglas Walker

(Dec. 1864, resigned 1885)

Born 4 March 1841. Son of James Auchterlony Walker of Blaiston, Aberdeenshire, and Jane Charlotte, d. of Richard Holden Webb.

Married 1871 Susan Matilda, d. of John Forster of Malverleys, Hants.

Educated Rugby and University College, Oxford. 3rd Class in Literae Humaniores, 1864.

Barrister (Lincoln's Inn), 1866; Bencher, 1887; Treasurer, 1913; Q.C., 1891. Author of a Treatise on Banking Law. Had a considerable practice as a junior in commercial cases, but retired from practice owing to increasing deafness, soon after taking silk.

Contested the Bridgwater Division of Somerset as a Gladstonian Liberal, 1892.

J.P. for Somerset. Commissioner of Supply for Aberdeenshire.

Edited, jointly with William Paley Baildon, 'The Black Books' of Lincoln's Inn.

Died 24 June 1920. ('Who's Who'; *The Times*.)

Q. Alpine.

1864 and 1866. See D. W. Freshfield.

Frederick Anthony Wallroth

(Dec. 1869, C. 1872–4, S. 1875–7, V.P. 1890–2, d.m. 1920)

Born 25 Jan. 1847. Son of Charles William Herman Wallroth of Lee, Kent, and Louisa, d. of George Bremeyer.

Married 1874 Caroline Sibella, d. of J. J. Wells.

Educated Harrow and Brasenose College, Oxford. 1st Class in Mathematical Moderations, 1867 ; 1st Class in Mathematical Greats, 1869.

Barrister (Lincoln's Inn), 1872. South-Eastern Circuit.

J.P. for Middlesex.

Died 19 February 1920.

Q. Alpine.

1868. *Mont Blanc*, 27/viii.

1869. *Mont Blanc*, 23/viii ; *Monte Rosa*, 5/viii (O.V.B.).

1871. *Jungfrau* ; *Finsteraarhorn* (John Fischer) ; *Schwarathor* (xxxii. 100), *Lysjoch*, and *Lyskamm* with T. Middlemore ('Pioneers', 103, xxxii. 100) ; *Dom* (xxxii. 100) ; attempt on *Aiguille de Blaitière*, –/viii (v. 297) ; with L. Stephen and G. Loppé, 1st ascent of *Mont Mallet*, 2/ix ; and *Mont Blanc*, v. 296–305.

1872. *Matterhorn*, 27/vii. At Jahresfest of S.A.C. at Lausanne with D. J. Abercromby and A. A. Reilly (vi. 184) ; *Mont Blanc* with Abercromby, 3/ix.

1873. Made the 1st attempt from the Mer de Glace on the *Aiguille des Charmoz* (x. 399 note); traversed the *Rothhorn*, making a partly new descent on the Zinal side, and returning by the *Moming* pass, 16/viii (vi. 295) ; *Dent Blanche*, 25/viii ('Echo', 1873, p. 237).

1887. *Adler* pass, with Mrs. Wallroth (xxxii. 106).

Compiled Index to P.P.G. and A.J., i–xv (1892).

Showed some photographs at the Winter Exhibition, 1887 (xiii. 464).

He seems to figure in Schutz Wilson's (q.v.) book as Antinous Redwall. See pp. 91–2, 141–5, 172.

Peregrine Watson

(Feb. 1876, resigned 1909)

Born 20 Jan. 1833, Loughborough. Son of John Watson, hosiery manufacturer, Loughborough.

Educated privately and at Loughborough and Ashby de la Zouch Grammar Schools.

Solicitor (1855), Bury. Practised there till 1908; then of Hey House, Holcombe, Lancs.

Died 15 March 1919. (In Memoriam, Rucksack C.J., iv. 43).

Q. Alpine.

Original Member of the Climbers' Club. One of the 1st Vice-Presidents (1903–19) of the Rucksack Club. Member of C.A.I., Florence section, 1879; C.A.F., Paris section, 1880.

1876. *Täschhorn*, new route up the E. face, with F. T. Wethered (q.v.), 7/viii (viii. 108, ix. 204); *Matterhorn*, 10/viii.

1877. *Monte della Disgrazia* (C.A.I. Boll. xiv. 164).

1878. *Gabelhorn*, 19/viii (Fr. Anthamatten).

1879. With J. Heelis, *Silvretta* pass, 9/viii; *Piz Linard*, 11/viii; *Ortlerspitze*, 14/viii; *Monte Tresero*, 16/viii; *Königsspitze*, 19/viii; *Passo di Venerocolo* (?), 21/viii; *Mte. Adamello*, 22/viii; *Monte della Disgrazia* from Chiesa; descended to Val Masino, and returned to Sondrio 1.30 a.m. With G. FitzGerald, *Mont Blanc* by Mont Blanc glacier, 1/ix; *Col du Tour*, *Fenêtre de Saleinaz* and *Col du Chardonnet*, 3/ix (C.A.I. Boll. xiv. 163–5).

1880. Note on Glacial Action in N. America, x. 109; cf. C.A.I. Boll. xv. 121.

1881. See J. B. Colgrove.

1882. *Marmolata* without guides (R.M. ii. 43; Records of Florence Section, 1882, p. 6).

William Lord Watts

(Dec. 1874; res. or d. 1877)

Born 1850 or 51. Son of W. M. Watts, printer, of Crown Court, Temple Bar.

Educated St. Paul's School.

I have failed to obtain any further information with regard to this member.

Q. Iceland (see below) and travel in NW. America.

1874. Iceland (made an earlier visit in 1871; no details). Started from near Reikjavik, 24/vi; visited the Thingvellir and the Great Geyser; ascended *Hecla*, 11/vii; and *Myrdals Jökull*, 2/viii. Made an attempt to cross the *Vatna Jökull*; turned back when near the middle of it, 13/viii; arrived at Reikjavik, 9/ix. He wrote a paper on the ascent of Myrdals Jökull, vii. 179–91;

described the latter part of the tour in *Fraser's Magazine*, Dec. 1874, and the whole of it in 'Snioland or Iceland, its Jokulls and Fjalls' (1875).

1875. Iceland: reached the snows of the *Vatna Jökull*, 25/vi; effected the 1st crossing of the Jökull, which, owing to snow-storms and fog, occupied fifteen days, 25/vi–9/vii. Went on from there to the volcanoes of N. Iceland.

He read a paper before the R.G.S. on this tour, 'Journal of R.G.S.', xlvi. 1–8; 'Proc. R.G.S.', xx. 21–30, and described it more fully in 'Across the Vatna Jökull' (1876, reviewed viii. 168–74).

Sir Hermann Weber

(Feb. 1867, resigned 1905)

Born 30 Dec. 1823, Holzhirchen, N. Bavaria. Son of Louis Christian Weber of Bronzell, Prussia, and Maria Ruperte of Fulda.

Married 1854 Matilda, d. of John Frederick Gruning of Highbury. Father-in-law of F. O. Schuster.

Educated Fulda, Universities of Marburg (where he made Thomas Carlyle's acquaintance) and Bonn; M.D., 1848. Practised for a time at Bonn; then became House Physician at the German Hospital at Dalston. Intended to return to Germany after a few years' residence, but finally decided to settle in England. Became a student at Guy's Hospital; M.R.C.P., London, 1855, and F.R.C.P., 1859. His practice, at first mainly among patients of foreign origin, rapidly penetrated into English circles, and his patients included Lord Salisbury, Lord Rosebery, and other prominent members of the political world. He was one of the leading pioneers of the open-air treatment of consumption, sending his patients to the high valleys of the Engadine, while he himself, in their interests, devoted his holidays to extended travels in all parts of the Alps, where he was soon infected by the passion for climbing. Retired from practice at the age of 80.

For more than forty years Physician to the German Hospital, London, and to the German Embassy. Consulting Physician to the German Hospital, the Royal National Hospital for Consumption, Ventnor, and Mount Vernon Hospital for Consumption, Hampstead. Member of Consulting Committee of King Edward VII Sanatorium, Midhurst.

Was one of the representatives of the National Association for the Prevention of Consumption and other Forms of Tuberculosis at the Berlin Congress for the Prevention of Tuberculosis, 1899. On the Council of the College of Physicians and acted as Censor for several years. Knighted, 1899.

Comparatively late in life he began to collect Greek coins, especially specimens embodying reference to the healing art. His collection in that respect acquired a high reputation and was enriched by visits to Greece, Asia Minor, Sicily, Tunis, Egypt, and Palestine.

Author of 'Notes on the Climate of the Swiss Alps' (1864, 3rd edition, 1907); 'Klimato-Therapie' in Ziemssen's Handbook of General Therapeutics (1880); 'Hygienic and Climatic Treatment of Phthisis' (Croonian Lectures, 1885); 'Means for the Prolongation of Life' (Lecture delivered before the Royal College of Physicians, 4th ed., 1914). Several articles in Quain's 'Dictionary of Medicine', and Allbutt's 'System of Medicine, and various papers in professional publications, among them an article on 'The hygienic and therapeutic aspects of climbing', *Lancet*, 28 Oct. 1893. Joint author with his son, Dr. F. Parkes Weber, of 'The Mineral Waters and Health Resorts of Europe' (1898); 'Climatotherapy and Balneotherapy' (1907).

Died 11 Nov. 1918. (M. and W.; *The Times*, &c.)

Q. Alpine.

1865. 4th ascent, by a partly new route, of the *Gross Vieschershorn*, 13/ix (S.A.C.J. ii. 269; Studer, i. 260; N.A.P. vi. 141, 153 (paper by Gerwer).

1866. See 'Pioneers', 264.

Made early ascents of the *Aletschhorn* and *Gabelhorn*; ascended the *Wetterhorn* and *Jungfrau* in his 68th year; crossed the *Capuchin* when 73, and the *Diavolezza* several times in his 80th year. In the last (95th) year of his life he was still able to cover fifty miles on an average in a week, without regard to weather.

Colonel the Hon. William Edward Sackville-West

(3 March 1874, d.m. 1905)

Born 27 Oct. 1830. Son of Right Hon. George John, 5th Earl de la Warr (D.N.B.), and Lady Elizabeth Sackville (afterwards Baroness Buckhurst), d. of John Frederick, 3rd Duke of Dorset.

Married 1860 Georgina, d. of George Dodwell of Kevin's Court, Co. Sligo.

Educated Christ Church, Oxford ; B.A., 1852.

Student of Lincoln's Inn, 1853.

Entered the 1st (Grenadier) Regiment of Footguards, 1856 ; Adjutant, 1858–61 ; Lieutenant (and Captain), 1860. Retired, 1869.

Bursar of Keble College, Oxford, 1871–6 ; Dean and Member of Council, 1882 ; remained on the Council till his death.

Lieut.-Colonel of the Oxford University Volunteers, 1872–7. J.P., Carnarvonshire.

Died 23 Sept. 1905.

Q. Alpine.

1851. *Mont Blanc* with F. Philips and Albert Smith, 13/viii (see vol. i and xxv. 638–40).

1874. See A. F. Leach.

Rev. Florence Thomas Wethered

(Dec. 1873, d.m. 1919)

Born 12 Feb. 1840. Son of Rev. Florence James Wethered, Vicar of Hurley, and Esther Ellen, d. of Rev. Giles Haworth Peel of Ince, Cheshire.

Married 1st, 1862, Grace Emma, d. of Hon. and Rev. Samuel Best, Rector of Abbott's Ann, g.d. of 1st Lord Wynford ; 2nd, 1867, Josephine, d. of Joseph Bonsor.

Educated Eton and Christ Church, Oxford ; B.A., 1861.

H.O., 1863. Curate of Warminster, Wilts., 1863–4 ; of Hurley, Marlow, 1865–7. Vicar of Hurley, 1868–1919.

Author of 'St. Mary's, Hurley, in the Middle Ages, based on Hurley Charters and Deeds' (1898) ; 'Lands and Tithes of Hurley Priory, 1086–1535' (1909).

Died 17 Aug. 1919.

Q. Alpine.

1875. *Aiguille du Midi* by a partly new route, 1/viii (vii. 318) ; *Mont Blanc*, 2/viii ; *Matterhorn* in a day from Zermatt, 10/viii (Note on a circular fog-bow, xii. 273, xxxii. 404) ; *Triftjoch*, 14/viii, and *Gabelhorn* traversed viâ Col Durand, with a variation 16/viii (vii. 320), both with J. H. Kitson ; *Rothhorn*, 18/viii ;

Weisshorn, 20/viii. (He read a paper before the Club on the later expeditions, 'Ten Days' Hard Work in the Zermatt District', vii. 388.) Traversed the *Mönch*, making the 2nd ascent by SW. arête and 1st descent to the Wengern Alp, 24/viii (vii. 325. A fuller account of this expedition, together with a reprint of his Täschhorn paper (1876), appeared in the *Guardian*, 15/iv/1903, with the title 'A fine pair of Horns', xxi. 431); *Eiger*; *Schreckhorn* (viii. 52; see Chr. Almer, 194–6). Notes on Huts, vii. 337.

1876. *Grandes Jorasses* (C.A.I. Boll. xiii. 583); *Grivola*, 2nd ascent from the Val Savaranche by a partly new route, 18/vii (viii. 102, xix. 280; Cogne C.G. 135, 139); *Grand Paradis*, 3rd ascent from Cogne by a partly new route, 20/vii (viii. 102. He wrote a paper on these expeditions, 'Traverses in the Eastern Graians', viii. 79). Reached Zermatt by the *Theodule*, *c.* 23/vii; *Mischabeljoch* with A. Cust, S. Porges, F. Gardiner (q.v.), and W. A. B. Coolidge, making the 1st ascent of the *Alphubel* by the N. arête with Coolidge and Gardiner, 27/vii (viii. 107); with Cust and Gardiner, *Ried* pass, 28/vii, ascended the *Biesjoch* from Randa, traversed the *Brunegghorn* to the *Bruneggjoch* (the descent being new), and returned to Randa, 29/vii (viii. 108, 152–3; note by him, xxv. 186); *Rimpfischhorn* by partly new route, and *Adler* pass, 5/viii (viii. 107, ix. 204); *Täschhorn*, new ascent by E. face, with P. Watson, 7/viii (viii. 108. He read a paper before the Club on this expedition, ix. 200; see also p. 309); *Dent Blanche* (xv. 332).

1877. *Dent d'Hérens* by SW. arête, returning by an unintentional variation of the *Col de Valpelline*, 11/viii. Note by him, ix. 49.

1878. *Fletschhorn*, 31/vii; *Mischabeljoch*, 1/viii; *Col de la Dent Blanche*, 2nd passage, with F. O. Schuster, 5/viii (ix. 172; Z.A.V. x. 338); *Grand Cornier*, 2nd ascent by NW. face, 6/viii (ix. 106, 239; xii. 467); *Moming* pass, 8/viii; 1st ascent in a single day of the *Nord End* and *Hochste Spitze* of *Monte Rosa* (W. Penhall and G. Scriven made the same expedition independently on the same day), 10/viii (ix. 108–9); *Grand Combin* by a partly new route, 27/viii (ix. 106); *Aiguille de Blaitière* (a paper 'Alpine Tit-bits' in the *Gentleman's Magazine*, Oct. 1892, refers to this ascent, and gives some account of those of 24/viii/1875, and 5 and 7/viii/1876).

1879. *Oberalpstock*, 1st authentic ascent from the Regen-

staldenfirn (there had been one previous descent by this route), 12/viii (ix. 369 ; cf. vi. 334) ; 1st recorded passage of the *Kastenjoch* or *Oberaar Rothjoch*, 22/viii (ix. 368).

1880. *Col des Hirondelles*, 2nd passage, —/vii (x. 111).

1881. *Furggengrat* (Note on nomenclature, x. 423) ; *Weisshorn* ; *Alphubeljoch* ; *New Weisstor*, all with his son (P. Knubel).

1885. *Gross Viescherhorn*, 24/vii (Note on 'Records left on Mountain Tops', xii. 467).

1887. Visited 'the Oberland in April' (19–26/iv ; spent three days at Grindelwald ; *Faulhorn*, 23/iv (paper, xiii. 331).

Klein Matterhorn by NW. arête (new), 29/vii (xiii. 414). Note on the death of Miss Alice Barker on the Bondasca glacier, xiii. 471.

1891. *Felikjoch* ; *Lysjoch* ; *Signal Kuppe* and *Zumsteinspitze*, 14/viii ; this ascent led him to write a paper on 'The Early Attempts on Monte Rosa from the Zermatt Side', xvi. 45. *Rothhorn* (P. J. Truffer).

Contributed many Notes on Huts, Inns, &c. (vii. 337 ; viii. 52, 400 ; ix. 235 ; x. 487), between 1875 and 1881 ; and Notes on the First Ascent of the Mönch (xiii. 265), a Raised Plan of the Alps exhibited in Rome in 1888 (xiv. 171), F. A. Carrel and the Gorrets in 1865 and 1890 (xv. 332). His latest note on a point of nomenclature appeared xxxii. 391.

Author of the Biographical Sketches of Ulrich Almer, Peter Bohren, and Christian Michel in 'Pioneers of the Alps'. Letter on 'Mountaineering as a Religion', xxxii. 403. See also ibid., p. 125.

George Dunbar Whatman

(Feb. 1864, resigned 1868)

Born 21 Feb. 1846, London. Son of William Godfrey Whatman, banker, and Emma Jane, d. of Mr. Sergeant Heath of Kitlands near Dorking.

Married 1872 Frances, d. of George Fuller of the Rookery, Dorking.

Educated Eton and Exeter College, Oxford ; B.A., 1867.

In 1867 entered the banking house of Bosanquet, Salt & Co., in which his father was a partner, and succeeded to his father's interest in the business on his death in 1876. In 1884 the firm was absorbed in Lloyd's Bank, in which he became a director and remained on the board till 1908.

Director of the Provincial Bank of Ireland, the Anglo-Foreign Bank, the Bank of British North America; Deputy Chairman of the London Board of the London and Globe Insurance Co.; Chairman of the United States Brewery Co.

One of the Lieutenants for the City of London. J.P. for London and Middlesex. Much interested in the Royal Veterinary College; Chairman of its General Purposes Committee, 1875–9, and for many years Treasurer.

Died 26 Dec. 1923. ('Who's Who', &c.)

Q. Alpine (1863 season).

1863. With S. Taylor (vol. i), 1st ascent of the *Diablons*, 24/viii (i. 201; xxxii. 218); *Pas de Forcletta*; *Jung* pass, 27/viii; *Monte Rosa*, 31/viii; *Lysjoch*, 4/ix; *Weisstor*, 9/ix; *Adler* pass, 11/ix (O.V.B.).

Rev. Laurence Robert Whigham

(Dec. 1876, d.m. 1916)

Born 21 Feb. 1848, London. Son of His Honour Judge James Whigham of Margreig, Kirkcudbright, and Emma, d. of Laurence Brock Hollinshead.

Married 1877 Amelia, d. of Robert Hudson, F.R.S., of Clapham Common.

Educated Rugby and Trinity College, Cambridge; B.A. and LL.B., 1870. Ran for Cambridge in the three-mile race in the Inter-University Sports, 1869.

H.O., 1871. Curate of Ilfracombe, 1871–2; of Broad Clyst, Devon, 1872–4. Incumbent of St. Saviour's, Clapham, 1874–7. Vicar of Hordle, Hants, 1877–81; of Polesworth, Warwickshire, 1881–2. Rector of Millbrook, Bedfordshire, 1883–5. Vicar of Southbourne, Hants, 1885–1901; of Holy Trinity, Cowes, 1901–4; of St. James's, Westend, Southampton, 1905–11.

Chaplain to the Royal Yacht Squadron, 1901.

Died 23 July 1916.

Q. Alpine.

1876. *Strahlhorn*, 15/vii, and *Felikjoch* and *Castor*, 17/vii, with F. Gardiner (viii. 378–9); *Grande Jorasses*, 20/vii (N.A.P. iv. 396).

1877. *Mönch* from Wengern Alp, 25/vii (Studer, 1st ed., iv. 28; N.A.P. vi. 71.

William White

(Dec. 1872, resigned 1885)

Born 1825. Son of Rev. F. H. White of Abbott's Ann, Hants.

Married 1877 Jane B., d. of Charles Warren Cook of Clay Hall, Middlesex.

Architect. Was a pupil of (Sir) George Gilbert Scott (D.N.B.); started on his own account at the age of 22 in Truro, and built or restored numerous churches in Cornwall. F.R.I.B.A., 1859; C. 1865–6. President of the Architectural Assoc., 1868–9. Was prominently associated with the Gothic architectural revival. See C. L. Eastlake's 'History of the Gothic Revival', pp. 291–4, 362. The following works by White are mentioned in the selected list of works appended to Eastlake's book (pp. 388–427): All Saints' Church, Notting Hill (1852–61); Lyndhurst Parish Church (1858; see illustration, p. 292); Bishop's Court (remodelling of the ancient Episcopal palace, which had been modernized, 1860–4, for John Garrett, Esq.); St. Saviour's, Highbury (1865–6); Humewood, Co. Wicklow (1867–70; see illustration, p. 362); Quy Hall, Cambridgeshire (1868); Tutor's House, Eton College (1869–70; erected for G. E. Marindin, A.C., q.v.).

Author of 'Aesthetical Sanitation' (1883),

Invented and patented an Alpine Knapsack: a leaflet describing it, with an illustration, is in the Club Library, dated as '*c.* 1865'; also published, 1875, 'The Tourist's Knapsack and its Contents', a pamphlet of 22 pages of hints on equipment. At the end is an advertisement of 'The Alpine Queen, or Mountaineers' Song, dedicated to the Alpine Club by William White, Esq., F.S.A.', and set to music.

F.S.A., 1864.

Died 22 Jan. 1900 ('Journal of R.I.B.A.', vii (1900), 27 Jan. and 10 Feb., where other works by him are mentioned, including two cathedrals in South Africa).

Q. Alpine.

1872. See A. D. Ryder.

Henry Remsen Whitehouse

(Dec. 1876, resigned 1877; re-elected June 1888, resigned 1893)

Born 17 Aug. 1857, New York. Son of J. H. Whitehouse and Mary Schenck.

Married 1892 Margaret MacBurney of Boston, U.S.A.

Educated in England, Germany, Switzerland, and U.S.A.

In the United States Diplomatic Service, 1882–96; for some time Secretary of Legation and Consul-General of the U.S. in Central America.

From 1896 onward devoted himself to literature and historical research. Corresponding member of the Société des Études Historiques, Paris; member of the Italian Dante Alighiere Society, &c. Decorated by King Humbert of Italy with the Cross of Commander of St. Maurice and St. Lazarus.

Author of 'The Sacrifice of a Throne: Life of Amadeus, Duke of Aosta, sometime King of Spain' (1897); 'The Collapse of the Kingdom of Naples' (1899); 'A Revolutionary Princess, Christina Belgiojoso-Trivulzio: her Life and Times, 1808–71' (1906; French ed., 1907); 'The Life of Lamartine' (1918).

Q. Alpine.

Member of C.A.F., Paris section, 1878; S.A.C., section Diablerets, 1875.

1875. *Moming* pass, 15/vii (paper, *Echo*, 1875, p. 129); *Triftjoch*; *Matterhorn*, 24/viii; *Mont Blanc*.

Read a paper before Diablerets section on a winter visit to the St. Bernard (S.A.C.J. xi. 613, 614); paper, N.A.P. v. 129–30.

1876. Attended the congress of C.A.I. at Florence and Pistoya, 10–14/vi (S.A.C.J. xii. 535). *Täschhorn* with F. Gardiner (3rd ascent ?), 24/vii (viii. 380); *Dent Blanche*; 1st ascent of *Petite Fourche*, 16/viii; *Fenêtre du Tour*, 17/viii; 1st ascent of *Grande Fourche*, 18/viii (viii. 106, 344; paper, N.A.P. v. 205, from 'Touriste'; Letter to 'Journal de Genève', reprinted C.A.F. Bull. 1877, pp. 162–4. See Javelle, 360, note; M.A.V. 1877, p. 179); 1st passage of *Col d'Arpette* (viii. 106; Kurz, p. 20).

1889. Ascended *Popocatapetl*, 11/v (note by him, xiv. 403); and *Ixtaccihuatl* (2nd ascent), 9/xi (paper, xv. 268; see xviii. 460 and O.A.Z. 1890, p. 159, where extracts are given from the narrative of his companion, Baron von Zedtwitz, in 'Mitth. of the German Scientific Society in Mexico').

1897. *Monte Rosa* with Mrs. Whitehouse, 27/viii (P. Knubel).

Edward Robson Whitwell

(Dec. 1868, d.m. 1922)

Born 27 Jan. 1843, Sunderland. Son of Henry Whitwell and Anne Backhouse, d. of Edward Robson. 1st cousin of T. Whitwell.

Married 1873 Mary Janet, d. of Edward Alden Leatham, M.P., of Miserden Park, Gloucestershire. She was the author of 'Through Corsica with a Paint Brush' (1908) and 'Through Bosnia and Herzegovina with a Paint Brush' (1909). See G.J., xxxiii. 321, 713.

Educated Grove House School, Tottenham; London University Matriculation, 1860.

Chairman and Managing Director of the N. Brancepeth Coal Co., Ltd.; Vice-Chairman of the Hordern Collieries, Ltd.

Senior partner in Messrs. Greveson & Whitwell, Darlington.

Died 14 Oct. 1922. ('Who's Who'; In Memoriam, xxxv. 95, by J. P. Farrar.)

Q. Alpine.

1869. *Wetterhorn*, —/vii (C. Blatter). See vi. 113.

1870. With F. F. Tuckett (see vol. i), Verona to Recoaro, ascending *Cima di Posta* from Val d'Illasi, and visiting the quarries of Monte Bolca (see 'Eastern Alps', 427–8), 19–21/v. Through the Sette Communi viâ Asiago to Bassano, 23–4/v. Traversed Monte Pavione to Primiero, 26/v; attempt on *Cimon della Pala*, reaching P. Grohmann's Cairn, 27/v (E. iii. 405); *Passo di Canali*, 28/v; brought the ladies to Primiero by the *Cereda* pass, 31/v; attempt on *Pala di S. Martino*, 1/vi (E. iii. 412); 1st ascent of the *Cimon della Pala*, 3/vi (E. iii. 400, 402, 405; C.A.I. Boll. v. 75–9; he wrote a paper on these expeditions, V. iii. Tuckett did not join in them). With Tuckett crossed the *Sattel-joch* and skirted the base of the Latemar to the Caressa pass and Vigo, 4/vi; *Sasso dei Mugoni*, 6/vi; *Fedaja* pass, 8/vi; *Forcella d'Alleghe*, ascending *Cima di Mezzodi*, 9/vi; traversed the *Col Vicentino*, 11/vi, and *Monte Cavallo*, 13/vi, arriving at Pieve di Cadore by the *Fuorcla Spe*, 14/vi (vi. 124; E. iii. 547; Z.A.V. 1900, p. 386); *Kreuzberg* pass, 15/vi; 1st ascent of *Piz Popena*, 16/vi (E. iii. 452); 5th ascent of *Monte Antelao* (with Tuckett), 18/vi (E. iii. 472); 1st ascent of highest summit of the *Croda Rossa* (or *Hohe Gaisl* or *Rothwand*), 20/vi (E. iii. 494.

He wrote a paper, vi. 398, on the ascents of 16 and 20/vi ; Tuckett did not join in them). With Tuckett left Cortina by the *Tre Sassi*, 21/vi ; *Incisa* pass, ascending the *Sett Sass*, 22/vi ; *Grödnerjoch*, 23/vi ; attempt on the *Langkofel* in bad weather, reaching the summit ridge, 24/vi (vi. 96, 203 ; E. iii. 352) ; *Ortlerspitze* from Sulden (' Tourist ', 1871, p. 688), reaching head of Matschertal the same evening, 29/vi ; traversed the *Weisskugel*, 30/vi ; and reached Partenkirchen early, 2/vii, bound for the Ober Ammergau play. See C.A.I. Boll. v (1870), pp. 70–5, and Tuckett, ch. xii.

1871. Started for the Eiger with Tuckett and J. H. Fox, 3/vii ; the party had a narrow escape from an avalanche and fled for refuge to the *Eiger Rothstock*, making the 1st recorded ascent (v. 337, 340 ; Tuckett, p. 308 ; xvii. 522, 600). *Jungfraujoch* in a snowstorm, 5/vii ; *Eggishorn*, reaching Randa the same evening, 7/viii ; *Dom*, 8/viii ; *Weisshorn*, 14/vii ; *Matterhorn*, 18/vii ; *Theodule*, 19/viii ; *Col du Géant* and attempt on *Dent du Géant*, 22/vii (xxx. 169, 302, 370 ; *Echo*, 1871, p. 218 ; C.A.F. Bull. 1875, p. 89, note ; Ulrich Lauener).

1872. Made the 1st traverse from S. to N. of the *Jungfrau* with F. F. Tuckett, 5/vii (vi. 93–4 ; Tuckett, 329–32) ; *Eiger*, 8/vii ; *Moming* pass, 12/vii ; *Old or Castel Franco Weissthor* from Zermatt to Macugnaga, 1st descent of N. (Tuckett's) couloir, 15/vii (xi. 198 ; see xxx. 177, note) ; 1st passage of the *Mittelthor* (Weissthor ridge), —/vii (xi. 200) ; *Gabelhorn* traversed, 20/vii (' Clubfuhrer d.d. Walliseralpen ', ii. 120) ; 2nd ascent of the *Rothhorn*, 22/vii (Javelle, 258) ; *Triftjoch*, 23/vii (xxx. 301, 307).

1874. Reconnoitring visit to *Aiguille du Dru*, 31/vii (vii. 422 ; cf. xxx. 172) ; 1st ascent of *Aiguille de Blaitière*, 6/viii (vii. 105) ; *Dent Blanche*, new route by the SE. face, 21/viii (vii. 107. He read a paper before the Club on these two ascents, vii. 422) ; attempt on *Aiguille du Dru*, 24/viii (xxx. 172–3).

1878. New ascent from the N. of the *Ochsenhorn* or *Klein Viescherhorn*, 2/viii (xiii. 268 ; xxx. 370 ; Studer, i. 275) ; 2nd attempt on *Aiguille du Dru*, —/viii (xxx. 174).

Subsequently having to choose between giving up mountaineering or hunting, he decided in favour of the latter (xxx. 175).

Clifford Wigram

(Feb. 1875, resigned 1885)

Born 9 April 1828. Son of Money Wigram and Mary, d. of Charles Turner of Rook's Nest Park, Surrey. Brother of W. Wigram (vol. i); grandson of Sir Robert Wigram, Bart.

Shipowner and banker. Director of the Bank of England, 1862–94; Deputy Governor, 1892–4. Revised the remarks on the Working of the Bank of England in the 4th edition (1887) of Thomas Hankey's 'Principles of Banking'.

One of H.M. Lieutenants for the City of London.

Lieut.-Colonel Commanding, and Honorary Colonel, of the Tower Hamlets Rifle Volunteers; V.D.

Died unmarried 23 June 1894. ('Who's Who.')

Q. Alpine.

1862. *Col d'Hérens* with W. Wigram and T. S. Kennedy, 14/vii; started with them for the Dent Blanche, but was obliged, through indisposition, to abandon the climb and await their return, 18/vii; recrossed the *Col d'Hérens*, 19/vii (i. 35–6, 39; W. Wigram, Memoir, 85–7, 94–5); *Col du Géant* with W. Wigram, 25/vii; *Mont Blanc* by the St. Gervais route with W. Wigram and A. A. Reilly, 1/viii (W. Wigram, 95–115).

1864. 4th ascent of the *Eiger* with F., Horace and Miss Walker, and A. W. Moore, 25/vii (Moore, 315–27); *Oberaarjoch*, 1/viii, and *Finsteraarhorn*, 2/viii, with H. Preston Thomas (q.v.) (xxxii. 224).

Harry Samuel Williams

(31 March 1868, d.m. 1921)

Born 4 Mar. 1840. Son of Charles James Blasius Williams, M.D., F.R.S., Physician Extraordinary to Queen Victoria (D.N.B.), and Harriet Williams, d. of James Jenkins of Chepstow.

Married 1890 Grace Emily, d. of George Watkins, M.R.C.S., of Chepstow.

Educated St. John's College, Cambridge; 22nd Wrangler, 1862. Resided for some time at the University Observatory with Professor James Challis.

Solicitor (1866), London. Retired, 1882. From 1882 resided at Swansea. For over 30 years took part there in many activities

for the benefit of the poor, working zealously with the Young Men's Christian Association, and building and maintaining at his own expense a school and mission room.

F. Roy. Astronomical Soc. (1865).

Died 12 July 1921. (Journal of Roy. Astronom. Soc.)

Q. Alpine.

1879. Ascended *Mount Agel* (Maritime Alps, —/iv. Note by him, ix. 383.

Robert Dobie Wilson

(March 1864, d.m. 1916)

Born 26 Feb. 1836. Son of William Dobie Wilson, advocate, of Glenarbach, Dumbartonshire.

Educated Harrow and Balliol College, Oxford; 1st Class in Classical Moderations, 1856; Gaisford Greek Verse Prize, 1857; 1st Class in Literae Humaniores, 1858.

Barrister (Lincoln's Inn), 1862.

A Director of the London Labourers' Dwellings Society.

F.R.G.S., 1862.

Died 19 March 1916. (See Letter from Hon. Lionel Tollemache, *Spectator*, 1 April 1916, dwelling on the remarkable poetic gift displayed by him as a young man.)

Q. Alpine.

1861. *Mont Blanc*, 19/viii.

Rev. Joseph Boss Williams Woolnough

(Dec. 1865, d.m. 1917)

Born 1834 or 1835. Son of Joseph Chappell Woolnough of Twickenham.

Married 1873 Mary Churchey Powell, widow of F. N. Harden.

Educated Worcester College, Oxford; 2nd Class in Mathematical Moderations, 1854; B.A., 1856. Rowed in the Fours, 1853 and 1854.

H.O., 1856. Curate of Hawkley, Hants, 1856–60; Christ Church, Brighton, 1860–2; Ramsgate, 1862–4; Basingstoke, 1864–8 (see J. E. Millard, vol. i); Surbiton, 1869–72. Incumbent of St. John's, Twickenham, 1872–80; of St. James's, Edinburgh, 1880–3.

Chaplain to the Bishop of Tasmania, and Financial Secretary of the Tasmanian Diocesan Synod, 1883–8; Diocesan Inspector, 1893–1900; Member of the House of Assembly of Tasmania, 1893. Rector of Swansea, Tasmania, 1903–6.

Died at Carnarvon, Tasmania, 16 July 1917.

Q. Alpine.

Member of New Zealand A.C., 1893.

1881. Iceland: ascent of *Mount Hecla*, 14/vii (C.A.F. Ann. 1881, pp. 244–60).

William Arundell Yeo

(April 1864, d.m. 1880)

Born 1835 or 1836. Son of William Arundell Yeo of Fremington, Devon, and of Dinham House, Cornwall, J.P., and Eliza, d. of Dr. Charles Edward Barnard of Clifton.

Educated Eton (Football XI, 1853; Cricket XI, 1854) and Oriel College, Oxford; B.A., 1858.

Barrister (Inner Temple), 1863, Western Circuit.

Succeeded his father at Fremington and Dinham, 1862.

Lieutenant in the Devon Militia Artillery.

Died unmarried 9 Sept. 1880.

Q. Alpine. See H. J. Trotter.

ADDENDA AND CORRIGENDA TO VOL. I

E. L. Ames. 1854. For "4th ascent" read "6th". Add to references "xxxi. 332, 335".

E. Anderson. 1857. Add: "*Col du Géant* with F. S. Blunt (Coolidge, p. 10)."

Lt.-Col. H. H. Godwin-Austen. Add

After l. 6, p. 8: Awarded the Founder's Gold Medal of the R.G.S., 1910 (G.J. xxxvi. 111–12; see p. 112 for 1857). Author of 'On the Land and Fresh-Water Mollusca of India' (1882–1914), and, jointly with W. T. Blanford, F.R.S., of the volume on Mollusca in 'The Fauna of British India' (1908).

Died 2 Dec. 1923. (M. and W.; 'Who's Who'; *The Times*; *Geogr. Jnl.*, &c.)

After l. 39, p. 9: 1862. "Surveyed the lofty country of Rupshu and Zaskar in Ladak; In July and August of that year made thirteen different ascents of a mean height of 17,900 ft., the highest peak, *Mata*, being 20,607 ft." (From 'Who's Who': I have not found any fuller account of this season. *Mata* is probably the peak mentioned on p. 10, l. 2.)

After l. 9, p. 10: In a letter on the Survey of the Mustagh Range, G.J. xxii. 707 (1903), he gives an account of the conditions under which he worked compared with modern explorers.

After l. 37, p. 10: He read a paper before the geographical section of the British Assoc., 1894, on 'Bhutan and the Himalayas East of Darjiling'. It is published in the Scottish Geogr. Mag. x (1894), pp. 635–40. Wrote an In Memoriam notice of the Himalayan surveyor, W. H. Johnston ('Proc. R.G.S.' (n.s.), v (1883), p. 291. To the end of his life he kept up his interest in Himalayan exploration (see, e. g., G.J. i. 177, 368; ii. 431; xv. 657), and as late as 1910 wrote a paper in 'Nature' on T. G. Longstaff's achievements.

He was the first to sketch out the main geological features involved in the structure of the NW. Himalayas. When

stationed at Dehra Dun he was "one of the first to exploit the rich storehouse of palaeontological evidence hidden in the Siwalik ranges", and his work in that system led to later investigations of great value.

J. Ball. p. 13, l. 31. Examiner in Physical Geography in the Public Schools' Examination for the R.G.S. Prize Medals, 1879, the special subject being the Barbary States and the Sahara, Proc. (n.s.), i. 468.

1852. *Sidelhorn*, 19/ix.

G. Barnard. p. 29, l. 1, for "1884. Exhibited" read "1884 exhibited".

Sir E. Birkbeck. 1856. Add: "See *The Times*, 6 Oct. 1856."

1857. Add: "*Col du Géant*, 18/vii (Coolidge, p. 10)."

John Birkbeck, Jr. Last line of p. 35: after "xxi. 246" add "xxxi. 254".

T. Blanford. Add: "In Memoriam, xxxiv. 456."

F. S. Blunt. Add: "1857. See E. Anderson."

W. S. Blunt. p. 40, l. 37, for "I (1879)" read "II (1880)".

p. 41, l. 7 Add: "See Proc. R.G.S. (n.s.), i. 685; iii. 188": l. 12, after "for" insert "calling".

"Died 10 Sept. 1922. (M. and W.; 'Who's Who'; *The Times*, &c.)."

T. G. Bonney. After p. 41, l. 35, add: "C. 1864–6; V.P. 1872–4; P. 1881–3; d.m. 1923."

p. 43, l. 3. Add: "Between 1897 and 1905 wrote not less than 2 columns a week of articles on miscellaneous non-political subjects for the *Standard*." To list of writings on same page add: 'Outline of the Petrology of the Alps' (1897); 'Annals of the Philosophical Club of the Royal Society' (1921). He also wrote a short volume of reminiscences, 'Records of a Busy Life' (1920).

After l. 33 add: "Died 10 Dec. 1923. (*The Times*; 'Who's Who'; In Memoriam, xxxvi. 142–7.)"

Add to climbing records:

1860. *Adler* pass and *Strahlhorn*, 4/ix.

1873. *Schwarztor*.

1875. In the Pennines between Zermatt and Chamonix; *Cols de Valpelline* and *de Collon*, 29/vi.

1876. Visited the Pyrenees.

1880. Pontresina; across the spurs S. of the Bernina to the Adamello district and the Dolomites ('Building

of the Alps', 100–1); *Bocca di Brenta*, 17/vii; *Caressa* pass, 19/vii ('Memories', 97–8).

1881. Saas district; *Weissmies* ('Building of the Alps', 242); *Monte Leone* with Eccles (xxx. 200); later, *Jungfrau*.

1885. *Dent du Midi*, 28/vii (Emile Joris).

1891. *dele* Weissmies.

1908. Joined T. Anderson and G. Yeld in a visit to Etna (see Anderson's Volcanic Studies, 2nd series, edited by B.).

p. 50. To list of reviews in A.J. we may safely add Dr. Eberhard Fraas's 'Scenerie der Alpen', xvi. 409–11.

E. W. Bowling. Add: 1871. *Jungfrau* (with C. E. Groves ?) (Joh. Fischer).

1874. *Titlis* by the short route, 25/ix (O.V.B.).

H. Brass. 1871. *dele* "(?)".

T. Brooksbank. 1871. For "*Hochstetter*" read "*Hohenstollen*".

J. B. R. Bulwer. 1852. *Col du Géant*, 24/viii (Coolidge, p. 6).

Sir E. H. Bunbury. Was on the Council of the London Library; V.P. 1871.

R. Burn. 1871. *Jungfrau* with S. Taylor, 22/viii (Joh. Fischer).

1872. *Finsteraarhorn* with L. Ewbank (Joh. Fischer).

R. Butt. 1863. With Houseman and Humphry, *Diavolezza* pass to Bernina-haus, 3/viii; *Rovano* (*Confinale*) pass to Fellaria chalets, 4/viii; reached *Sella* pass, but driven back to Fellaria by a snow storm, 5/viii (O.V.B.).

E. N. Buxton. After l. 19, p. 64, add: One of the principal organizers, with W. A. Baillie Grohman, of the American Trophy Exhibition held at Earl's Court in 1887. See above, p. 14.

After l. 30, p. 65, add: The book is reviewed G.J. xxi. 442–3. The Notes are probably a paper read before the Society of Arts and printed in the Society's Journal, li. 566–78.

Died 9 Jan. 1924. ('Who's Who'; *The Times*; In Memoriam, with portrait, xxxvi. 148. Another portrait in Lorria & Martel's 'Massif de la Bernina', p. 84.)

Add to references for Mont Blanc, 1861, "P.P.G. i. 273"; for Ortlerspitze, 1864 "xxxi. 254".

1863. For Piz Sella and the Sella pass see also Lorria and Martel's 'Massif de la Bernina', p. 139, and W. E. Hall (vol. i, p. 130).

Sir T. F. Buxton. After l. 8, p. 68, add: See e. g., 'Proc. R.G.S.' (n.s.), i. 94–6, 530–1; ii. 256, 295, and 351; iii. 19 and 276. Visited Canada and U.S.A. in 1874 with W. E. Forster.

John Campbell. 1854. Zermatt to Macugnaga by the *Weisstor*, 6/viii (M. Zum Taugwald).

E. W. Cooke. p. 80: the third member of the Fuorcla Bellavista party was Fred Cooke, of Norfolk (O.V.B.).

A. Dauney. Born 15 Sept. 1827. Educated, Edinburgh Academy.

F. Fearon. 1864. *Mont Blanc.*

R. W. E. Forster. 1857. For "xxxi, p. 292" read "xxxi. 222".

W. D. Freshfield. 1865. Add to references "C.A.I. Boll. 1901, pp. 145, 325, 330".

Sir F. Galton. l. 16, p. 111, add: "See also 'Proc. R.G.S.' (n.s.), v. 470–1." l. 21, add: "Read a paper before the geographical section of Brit. Assoc., 1881, on 'The Equipment of Exploring Expeditions, Now and Fifty Years ago', 'Proc. R.G.S.' (n.s.), iii. 608 and see p. 657. l. 35 for "for some years" read "till 1884". l. 37, add: 'Proc.' (n.s.), i. 339. Wrote an In Memoriam notice of W. Spottiswoode, 'Proc. R.G.S.' (n.s.), v. 489.

p. 114. 1857. Add: "And ascended *Col du Géant* from Courmayeur with L. Stephen (q.v.)."

H. B. George. 1867. Add: after "(iv. . . . 382)" and "an attempt on the Blumlisalp". For the rest of the season see A. Mortimer (above, p. 245).

p. 119, l. 34. For "Some time in the seventies" read "In 1876".

W. Gibbes. 1859. *Titlis* and *Joch* pass with E. B. Prest and J. L. Propert, 4/viii (O.V.B.).

P. C. Gosset. p. 122. Add: "1870–2. See S.A.C. Itineraries, 1871, pp. 39 note, 52, 70; 1872, pp. 21–2; 1873, pp. 14 note, 15, 22, 25, 30–1 and notes, 33, 40, 48. Cf. x. 62–3 note, 64."

F. C. Grove. 1861. For "xxi. 245, 209" read "xxi. 245; xxxii. 209".

1867. Add to Matterhorn references "xxxi. 89".

1868. *Adler* pass (xxxi. 228).

1874. Add: "See also xxx. 192–4."

Sir W. Hardman. For many years wrote an intimate diary for a friend in Australia and kept a copy. This led to the publication of a volume entitled 'A Mid-Victorian Pepys: Letters and Memoirs of Sir W. H.', edited by Stewart

Marsh Ellis, in 1923. A second volume appeared in 1924. H. was the original of Blackburn Tuckham in George Meredith's 'Beauchamp's Career'.

J. F. Hardy. 1862. *Titlis* with L. Stephen, R. Liveing, and H. A. Morgan, 15/vii (O.V.B.).

F. Harrison. 1866. See K. E. Digby (above, p. 118).

Died 14 Jan. 1923. (M. & W.; 'Who's Who'; *The Times*, &c.)

F. A. Hartmann. 1862. Add: "with F. E. Blackstone and A. Short".

W. H. Hawker. p. 140, l. 8, for "early/ix" read "1/ix".

C. G. Heathcote. Add: In Memoriam by G. E. Marindin, xxviii. 49.

1868. *Gämchi-lücke*; *Piz Palu* with Marindin; *Piz Sella* and *Sella* pass (Jakob Anderegg).

W. N. Heysham. 1868. *Piz Bernina*, 7/viii; *Piz Palu*; *Piz Morteratsch* (O.V.B.).

S. Hoole. 1872. *New Weisstor*, *c.* 12/viii (Fr. Anthamatten).

F. J. A. Hort. 1856. p. 157, l. 15, read "They in fact began with the *Joch* pass and *Titlis*, then and for some years a favourite training walk, and reached &c."

H. Houseman. 1862 and 1863. See R. Butt.

Lt.-Col. T. Howard. Died at a nursing home in Southampton 13 Oct. 1924.

J. G. Humphrey. Read Humphry.

1862 and 1863. See R. Butt, p. 363.

A. Johnston. 1856. Add: "*Col du Géant* with McInnes, 10/viii (Coolidge, p. 9)".

For "1882" read "1884". See Letter from him, xxxii. 144–5.

D. Jones. 1863. Add: "xxxi. 254".

E. S. Kennedy. 1854. Add to Ostspitze references, "xxxi. 221, 230–1".

1863. Add to Mont Blanc references, "Durier, 1923 ed., p. 300".

T. S. Kennedy. 1869. *Schreckhorn* with W. H. C. Whigham (J. Jaun).

1871. Attempt on *Lyskamm* from Gressonay; lost their way at a great height (J. Jaun).

1873. *Col de Seilon* to Arolla, with ascent of *Mont Blanc de Seilon*, 25/vii (O.V.B.). K.'s note in Joh. Fischer's Führerbuch gives the expeditions practically in the same order as in the text.

1874. Reached Arolla by *Cols du Géant* and *de Collon*.

F. L. Latham. Died 28 April 1923 (see *The Times*, 1 May, p. 17).

J. P. Laurence. 1860 (?). *Adler* pass, 25/viii (M. zum Taugwald).

R. Liveing. 1862. See J. F. Hardy, above, p. 370.

H. B. B. McCalmont. 1860. *Titlis*, with wife, 28/ix (O.V.B.).

R. J. S. Macdonald. See Notes and Queries, 10th Series, vii. 357 (4 May 1907), where he is stated to be a great-grandson of Flora Macdonald.

A. B. McGrigor. Educated Glasgow University. Member of Faculty of Procurators of Glasgow, 1849.

J. R. McInnes. See A. Johnston, above, p. 370.

C. E. Mathews. 1876. *Schallijoch* with Morshead, 12/viii. See also W. E. Davidson, above, p. 95.

1883. *Mont Blanc*, 14/vii.

1891. *Mont Blanc*, 14/viii.

G. S. Mathews. 1868. See F. Walker, p. 374.

W. Mathews. 1859. To references for Mont Blanc, add: "P.P.G. II. i. 382."

1866. Took much trouble over the administration of the Michel Croz fund: see his letter, ii. 422–3.

1867. *dele* this entry.

1872. *dele* Salzkammergut.

W. E. Matthews. 1859. *Col du Géant*, 6/ix (Coolidge, p. 12).

1864. *Piz Bernina*, *c.* 22/viii (O.V.B.).

J. E. Millard. Son of William Salter Millard, Mate R.N., and Philippa Frances, d. of Robert Elwin (d. 1824). Half-brother of F. E. Millard.

A. W. Moore. 1862. Add to references for Sesiajoch, "xxix. 105–19".

1865. Add to references for Sesiajoch, "xxix. 119–26"; in next line (Gabelhorn references) for "xxxiii" read "xxviii".

1874. Add to references, xxx. 192–4.

H. A. Morgan. See J. F. Hardy, above, p. 370.

F. Morshead. 1863. p. 234, ll. 5, 6 for "some other expeditions, among them" read "with Awdry and A. Short (q.v.)". l. 19, to references, add: "Durier, 1923 ed., pp. 300–1."

1864. After the references for 30/vi, add: "New Weisstor with H. B. Gaskell (O.V.B.)."

1871. *Triftjoch*, *Col Durand*, and *Monte Rosa* with J. T. Bramston and C. H. Hawkins (see above, p. 24) (Fr. Biener), probably after his expeditions with C. E. Mathews.

1875. *Eigerjoch* with A. O. Prickard, 15/viii (W. E. Davidson's diary).

1876. See C. E. Mathews, above, and W. E. Davidson (above, p. 95).

1879. See also C. E. Mathews.

R. C. Nichols. 1867. The ascent of Mont Blanc was made with W. H. Winterbotham (Durier, 1923 ed., p. 185 note).

H. J. Norman. 1862. *Col d'Hérens* with R. H. Prance, 13/vii.

1883. [Apparently crossed the *Rossbodenjoch*, traversed *Monte Leone* to Al Ponte; thence] by *Krieg Alp* pass to Binn. Note by him, xi. 481.

J. Ormsby. p. 245, l. 32. Add: "including one on Richard Ford, the author of Murray's Handbook to Spain".

C. Packe. p. 247. To In Memoriam references, add: "M.E.B."

p. 247, l. 22, for "1866" read "1865".

p. 250, l. 13, for "p. 36" read "iii. 36".

1892. His companion was not W. P. Haskett-Smith as there stated, but that gentleman's brother.

R. H. Prance. See H. J. Norman, above.

E. B. Prest and J. L. Propert. See W. Gibbes, above, p. 369.

F. T. E. Prothero. Add: Rowed in his College Torpid; became an expert sculler at Eton and at Oxford. Lost the University Sculls by only 2 seconds. Took to bicycling at the age of 60, and made many long journeys, covering altogether over 2,500 miles. See *Morning Post*, 21/vii/1917.

Sir J. H. Ramsay.

pp. 266, l. 28 and 267, l. 7, for "Banff" read "Bamff".

p. 266, last line, add: "but never practised."

Member of British Academy.

Died 17 Feb. 1925. ('Who's Who', *The Times*, &c.) "The publication of 'The Genesis of Lancaster (1307–1399)' rendered his work a complete history of England from the earliest times to the accession of the House of Tudor. The whole work was on its completion taken over by the Clarendon Press (which published the last instalment) and was given the title of 'The Scholar's History of England'." His researches had been his standing occupation since the outbreak of the Franco-German War, "but for many years he published nothing save papers in the specialist historical reviews. . . . He was a specialist himself on several aspects of his subject, especially on the revenues of the medieval kings,

and on the relations between England and Scotland" (*The Times*).

T. Rennison. 1861. *Alphubeljoch*, 15/viii (O.V.B.).

1863. Add: *Monte Rosa*, 17/viii; *Col d'Hérens*; *Col de Torrent*; *Triftjoch*, c. 24/viii (O.V.B.).

P. L. Sclater. p. 281, l. 15, for "29" read "299".

J. Sheil. 1863. Add: *Alphubeljoch*, 31/viii.

A. Short. 1863. After references for Sauren pass add: "with Awdry and Morshead (q.v.)".

Died 6 Jan. 1923.

E. B. Smith. 1857. Add: "*Weisstor* (and *Cima di Jazzi*) to Mattmark; *Adler* pass and *Strahlhorn* (O.V.B.), some time before the passage of the Triftjoch."

William Smith. p. 298, l. 2, for "Basel" read "Bern".

Chr. Smyth. p. 299, l. 4, for "1st ascent of the *Ostspitze*" read "3rd ascent (xxxi. 323–33)". Smyth wrote, in July 1856, a summary of the attempts on Monte Rosa in the Travellers' Book at the Riffelhaus; what is left of it is printed, xxxi. 313–15.

W. Spottiswoode. p. 303, l. 1, for "1885–*c.*" read "1855; C." l. 12, for "VI" read "V".

Sir L. Stephen. p. 304, l. 36, for "took Holy Orders" read "was ordained Priest".

1857. Add: "see 'Life', 80–1".

1862. See Hardy, above, p. 370.

1865. Add C.C.J. viii. 3.

p. 312, l. 7. Add: "xv. 491; xxix. 58".

l. 28. Add to In Memoriam notices "Alexander Seiler, xv. 491".

R. M. Stephenson. 1863. p. 313, l. 19, for "Durier, 321" read "Durier, 1923 ed., pp. 300–1".

H. A. Strong. p. 315, l. 24, add "1865–71".

p. 316, l. 1, for "1890" read "1882".

S. Taylor. 1863. See G. D. Whatman, above, p. 358.

1871. See R. Burn, above, p. 368.

E. B. C. Trevilian. 1862. *Monte Rosa*, 24/viii (Jos. Marie Kronig).

C. Trotter. 1860. *dele* "probably".

1862. *Mont Blanc*, add: "by S. Gervais route".

F. F. Tuckett. p. 333, l. 2. Schwarzenbergerjoch: add 'Eastern Alps, 182'.

p. 339, ll. 1–4. Add: "reviews of Corsica in Joanne's series of guides and of Lendenfeld's Australische Reise, xvi. 280–2, and In Memoriam notice of H. Fox, xiv. 132."

R. St. J. Tyrwhitt. p. 350, l. 26. Add: "Cf. xxxii. 342."

F. Walker. 1868. On 12/vii the Walkers and G. S. Mathews ascended the *Pigne d'Arolla*, and went on by *Col d'Oren* to Prerayen. On 25/vii F. Walker seems also to have ascended the *Mönch* (Joh. Fischer).

H. Walker. 1861. See F. Walker, vol. i, p. 352. Horace W. was with the others at Pontresina, 28/vi (O.V.B.), so he probably accompanied them on the rest of the tour, but apparently no climbing took place.

1868. See F. Walker, above.

1874. Add to references, xxx. 192–4 (Gardiner).

1890. *Rothhorn*, 31/vii, add: with G. E. Hulton (see above, p. 202).

1891. With E. Carr and G. A. Solly, *Cavelljoch* (guideless), 12/vii; *Verstanklahorn*, 14/vii; *Piz Linard*, 15/vii; *Verstanklator*; *Gross Litzner*, 18/vii; *Tinzenhorn* (guideless), 20/vii; *Jägerjoch* and *horn*. *Riffelhorn* by Central Couloir with Carr and F. M. Davies, 7/viii.

1892. With Carr and Solly. The ascent of the Charmoz seems doubtful.

1893, 95, 96, 97, 98, 1901, 1905. See C. Pilkington, above, pp. 262–3. The ascent of Piz Bernina given in 1899 really belongs to 1897.

1900. With E. Carr and H. A. Beeching, *Fünffingerstock* No. 2 (see xx. 116–31), 11/vii; *Giglistock*, 13/vii; *Sustenhorn* (guideless), 16/vii; *Steinlimmi* pass, 17/vii; *Dammastock* and *Tiefensattel* pass, 18/vii; *Piz Lucendro*, 20/vii; *Pizzo Rotondo*, 21/vii; *Grosse Windgälle*, 24/vii; *Tödi* traversed, 26/vii; *Planura* pass, 27/vii (the last 5 expeditions guideless); *Gross Spannort*, 2/viii.

R. Spence Watson. 1861 and 1866. See H. T. Mennell, above, pp. 234, 235.

1862. *Alphubeljoch*, 11/viii; *Mettelhorn*, 12/viii (O.V.B.).

p. 369, l. 8, for "1872" read "1868".

J. M. Wedgewood. 1861. *Col d'Hérens*, 17/viii (O.V.B.).

A. P. Whateley. 1857. Add to references, "xxv. 187".

1863. *Mont Blanc* with A. Wills (xxiv. 50).

E. Whymper. p. 373, l. 15, add: "At the Paris Exhibition in

1878 he was awarded the highest distinction attainable by a British wood-engraver." l. 26 *dele* " &c."

p. 374, l. 9, for " Crissola " read " Crissolo ".

p. 375, l. 16, for " the Col " read " the Col du Chardonnet ".

p. 378, l. 31, add : " Read a paper before the R.G.S. (' Proc. R.G.S.' (n.s.), iii. 449–69)."

l. 35, add : " In 1892 he was awarded the Patron's Gold Medal of the R.G.S. (Proc., xiv. 487, 496)."

p. 379. 1894, add : " published a new Map of the chain of Mont Blanc. See G.J. ii. 570 ".

p. 380. Add to list of writings ' Ascents in the Himalayas ', *Leisure Hour*, Jan.–Feb. 1893. The Observatory on the Summit of Ben Nevis, ibid., Sept. 1894.

W. Wigram. 1857. From Aosta to Zermatt by *Col de Fenêtre*, glacier of Chermontane, valleys of Bionaz and Tournanche, and *Theodule*. Recommends the ascent of the *Stockhorn* " in the centre of the Zmutt glacier, and thence (snow permitting) across the ice to the Riffel ", 2/vii (O.V.B.).

Sir A. Wills. p. 385, l. 5, ' Wanderings among the High Alps ', a 2nd edition appeared in 1858.

1863. *Mont Blanc* with A. P. Whateley (xxiv. 50).

Wrote the Introduction to the Badminton Library volume on ' Mountaineering '. For his speech at the Jubilee Dinner see xxiv. 49–53.

S. Winkworth. 1872. *Wildstrubel*.

1874. *Finsteraarhorn* with Mrs. Winkworth (Joh. Tannler).

M. Woodmass. p. 390, l. 25, add : " Portrait in Lorria and Martel's ' Massif de la Bernina ', p. 93."